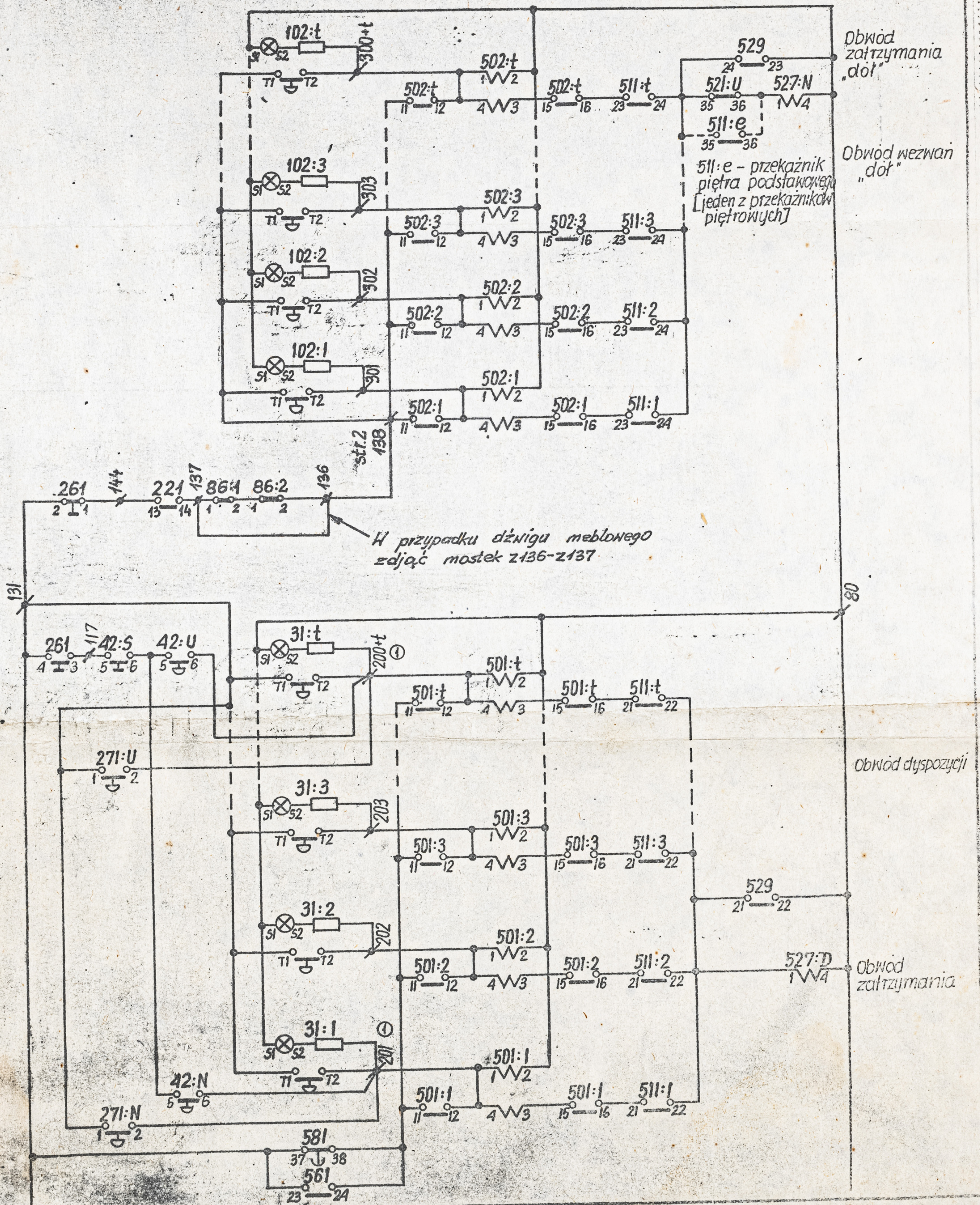


144 116

|           |                       |               |                 |                                                        |                                                                                                      |                        |
|-----------|-----------------------|---------------|-----------------|--------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------|
| Znak<br>① | Zmiany<br>K2 Nr 82/77 | Podpis<br>Kaj | Data<br>5.11.77 | „ZREMB”<br>ZAKŁADY URZĄDZEŃ<br>DZWIIGOWYCH<br>WARSZAWA | Schemat ideowy<br>sterowania zbiorczego w dół ①<br>„standard” $V = 0,7 \text{ m/s i } 1 \text{ m/s}$ | E 1003-006             |
|           |                       |               |                 | Oprac.<br>Foszer<br>Kin                                | Foszer<br>Kin                                                                                        | Data<br>05.75          |
|           |                       |               |                 | Spraw.<br>Kin                                          | Todtichen<br>Zatw.                                                                                   | Str. 1<br>C. d. str. 2 |
|           |                       |               |                 |                                                        |                                                                                                      | Nr arch. 18216         |

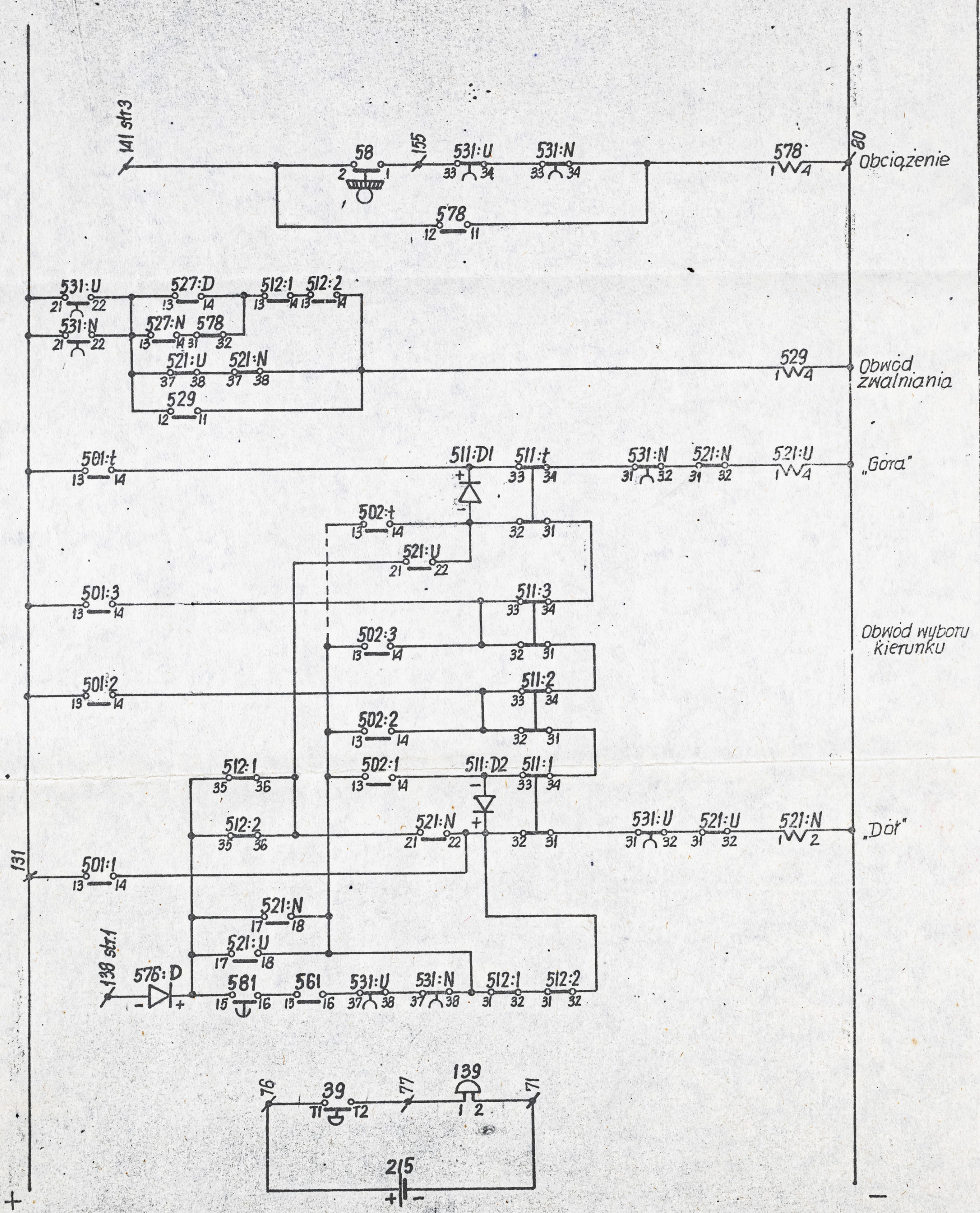


18 cm



1441ke

|      |             |        |         |                                                        |        |        |                                                                                 |  |  |           |  |              |  |
|------|-------------|--------|---------|--------------------------------------------------------|--------|--------|---------------------------------------------------------------------------------|--|--|-----------|--|--------------|--|
| Znak | Zmiany      | Podpis | Data    | „ZREMB”<br>ZAKŁADY URZĄDZEŃ<br>DZWIŹGOWYCH<br>WARSZAWA |        |        | Schemat ideowy<br>sterowania zbiorczego w dół<br>standard V = 0,7 m/s i 1 m/s ① |  |  | E1003-006 |  |              |  |
| ①    | KZ Nr 62/77 | Kuz    | 5.11.77 |                                                        |        |        |                                                                                 |  |  | Data      |  | Str. 2       |  |
|      |             |        |         |                                                        |        |        |                                                                                 |  |  | 05.75r    |  | C. d. str. 3 |  |
|      |             |        |         |                                                        |        |        |                                                                                 |  |  | Nr arch.  |  |              |  |
|      |             |        |         | Oprac.                                                 | Foszer | Foszer |                                                                                 |  |  |           |  |              |  |
|      |             |        |         | Spraw.                                                 | Kin    |        | Tadtleben<br>Zetw.                                                              |  |  |           |  |              |  |

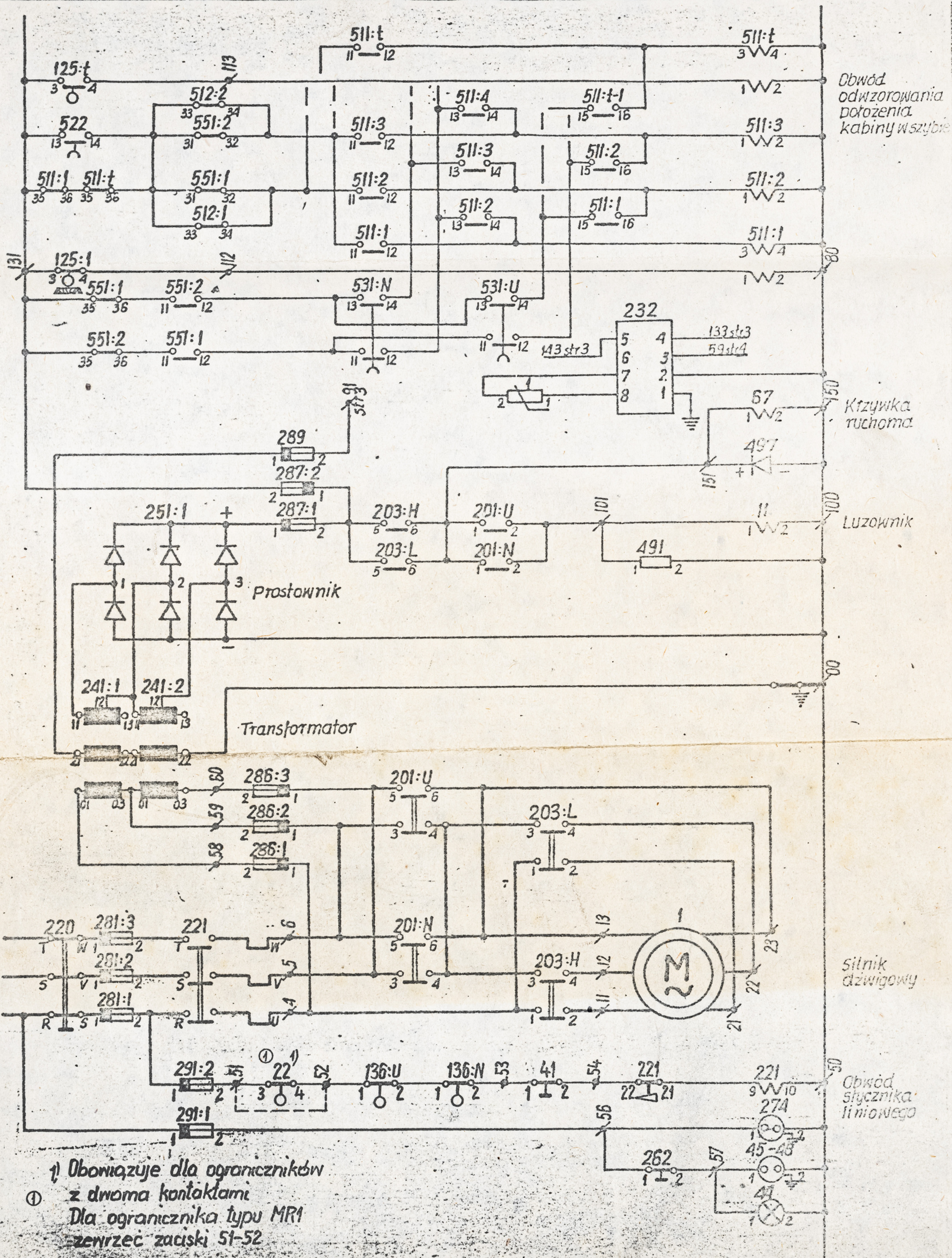


E1003-006



4-144-1Ka

|      |             |        |         |                                                        |        |                                                                                                    |  |           |              |
|------|-------------|--------|---------|--------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------|--|-----------|--------------|
| Znak | Zmiany      | Podpis | Data    | „ZREMB”<br>ZAKŁADY URZĄDZEŃ<br>DZWIIGOWYCH<br>WARSZAWA |        | Schemat ideowy<br>sterowania zbiorczego w dół<br>„standard” $V = 0,7 \text{ m/s i } 1 \text{ m/s}$ |  | E1003-006 |              |
| ①    | KZ Nr 82/77 | Kef    | 5.11.77 | Oprac.                                                 | Foszet | ①                                                                                                  |  | Data      | Str. 4       |
|      |             |        |         | Spraw.                                                 | Kin.   | Todleben                                                                                           |  | 05. 75r   | C. d. str. → |
|      |             |        |         |                                                        |        |                                                                                                    |  | Nr arch.  |              |



E1003-006



|                       |        |               |                 |                                                        |                                                                                     |           |
|-----------------------|--------|---------------|-----------------|--------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|
| Znak<br>① KZ Nr 82/77 | Zmiany | Pocpis<br>Kaj | Data<br>5.11.77 | „ZREMB”<br>ZAKŁADY URZĄDZEN<br>DZWIŹGOWYCH<br>WARSZAWA | SPECYFIKACJA APARATURY<br>sterowania zbiorczego w dół<br>„Standard” V=0,7m/s i 1m/s | E1103-006 |
|                       |        |               |                 | Oprac. Karczyński Kaj                                  | ①                                                                                   |           |
|                       |        |               |                 | Spraw. Kin                                             | Todleben                                                                            |           |
|                       |        |               |                 | Data<br>4.11.77r                                       |                                                                                     | Str. 1    |
|                       |        |               |                 | C. d. str. 2                                           |                                                                                     |           |
|                       |        |               |                 | Nr arch. 18217                                         |                                                                                     |           |

| Nr      | Szt. | Nazwa                           | Typ lub nr rysunku | Fig. | Cew. | Cew. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---------|------|---------------------------------|--------------------|------|------|------|---|---|---|---|---|---|---|---|---|----|----|----|
| 1       | 1    | Silnik napędowy                 |                    | 88   |      |      | 4 | 4 |   |   |   |   |   |   |   |    |    |    |
| 11      | 1    | Luzownik                        | ELS3               | 66   | 4    |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 22      | *)   | Kontakt ogranicznika prędkości  | K1401-002          | 25   |      |      | 3 | 4 |   |   |   |   |   |   |   |    |    |    |
| 22      | *)   | Kontakt ogranicznika prędkości  | K3483-001          | 23   |      |      | 3 | — |   |   |   |   |   |   |   |    |    |    |
| 31:1-1  | 1    | Przycisk dyspozycji             | K3407-001-2        | 32   |      |      | 1 | — | 1 |   |   |   |   |   |   |    |    |    |
| 39      | 1    | Przycisk „Alarm”                | K3407-001-4        | 31   |      |      | 2 | — |   |   |   |   |   |   |   |    |    |    |
| 40      | 1    | Przycisk „Stop”                 | K3407-001-4        | 31   |      |      | — | 3 |   |   |   |   |   |   |   |    |    |    |
| 41      | 1    | Przycisk „Stop” na kabinie      | K3111-001          | 25   |      |      | 4 | 3 |   |   |   |   |   |   |   |    |    |    |
| 42:U-N  | 2    | Przycisk jazdy kontrolnej       |                    | 24   |      |      | 3 | — | 1 | 3 |   |   |   |   |   |    |    |    |
| 42:S    | 1    | Przetacznik jazdy kontrolnej    |                    | 24   |      |      | 3 | 3 | 1 | 3 |   |   |   |   |   |    |    |    |
| 44      | 1    | Oświetlenie kabiny              |                    | 54   |      |      | 4 |   |   |   |   |   |   |   |   |    |    |    |
| 45      | 1    | Gniazdo wtykowe na kabinie      | K3111-001          | 29   |      |      | 4 |   |   |   |   |   |   |   |   |    |    |    |
| 46      | 1    | Gniazdo wtykowe pod kabiną      | Nr 160 kat. 16-7   | 29   |      |      | 4 |   |   |   |   |   |   |   |   |    |    |    |
| 51      | 1    | Wyłącznik krańcowy              | K3450-001          | 22   |      |      | 3 |   |   |   |   |   |   |   |   |    |    |    |
| 52      | **)  | Kontakt chwytaczy               | K3402-001          | 22   |      |      | 3 |   |   |   |   |   |   |   |   |    |    |    |
| 52:1-2  | **)  | Kontakt chwytaczy               | K3461-001          | 23   |      |      | 3 | — |   |   |   |   |   |   |   |    |    |    |
| 53      | ***) | Kontakt zwisu lin               | K3450-001          | 22   |      |      | 3 |   |   |   |   |   |   |   |   |    |    |    |
| 53:1    | ***) | Kontakt zwisu lin i chwytaczy   | K3483-001          | 23   |      |      | 3 | — |   |   |   |   |   |   |   |    |    |    |
| 54      | 1    | Kontakt ruchomego progu         | K3401-001          | 22   |      |      | 3 |   |   |   |   |   |   |   |   |    |    |    |
| 58      | 1    | Kontakt pełnego obciąż. Burgess | REFC/CRIQ          | 22   |      |      | 2 |   |   |   |   |   |   |   |   |    |    |    |
| 61      | 1    | Impulsator fotoelektryczny      | K3460-001          | 79   |      |      | 3 |   |   |   |   |   |   |   |   |    |    |    |
| 67      | 1    | Krzywka ruchoma                 | K3445-001          | 66   | 4    |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 86:1-2  | ***) | Kontakt drzwi przedziałowych    | K3403-001          | 22   |      |      | 1 |   |   |   |   |   |   |   |   |    |    |    |
| 102:1-1 | 1    | Przycisk wezwan                 | K3407-001-2        | 32   |      |      | 1 | — | 1 |   |   |   |   |   |   |    |    |    |
| 112     | 1    | Wyłącznik sterowania            | K3109-001          | 23   |      |      | 3 | — |   |   |   |   |   |   |   |    |    |    |
| 121:1-1 | 1    | Kontakt drzwi przystankowych    | K3403-001          | 22   |      |      | 3 |   |   |   |   |   |   |   |   |    |    |    |
| 122:1-1 | 1    | Kontakt zamka                   | K3601-001          | 22   |      |      | 3 |   |   |   |   |   |   |   |   |    |    |    |
| 123     | 1    | Kontakt obciążnika lin          | K3450-001          | 22   |      |      | 3 |   |   |   |   |   |   |   |   |    |    |    |
| 125:1   | 1    | Wyłącznik końcowy „Dół”         | K3416-001          | 36   |      |      | 3 | 4 |   |   |   |   |   |   |   |    |    |    |
| 125:1   | 1    | Wyłącznik końcowy „Góra”        | K3416-001          | 36   |      |      | 3 | 4 |   |   |   |   |   |   |   |    |    |    |
| 136:N   | 1    | Wyłącznik krańcowy „Dół”        | D429R              | 36   |      |      | 4 | — |   |   |   |   |   |   |   |    |    |    |
| 136:U   | 1    | Wyłącznik krańcowy „Góra”       | D429R              | 36   |      |      | 4 | — |   |   |   |   |   |   |   |    |    |    |
| 139     | 1    | Dzwonek alarmowy                | 6V=                | 57   |      |      | 2 |   |   |   |   |   |   |   |   |    |    |    |

- \*) - Kontakt K1401-002 po 1 szt. obowiązuje dla ram kabinowych kulowych i licencyjnych o opóźnionym działaniu aparatu chwytanego.
- Kontakt K3483-001 szt.1 obowiązuje dla ram o natychmiastowym działaniu aparatu chwytanego
- xx) - Kontakt K3402 szt.1 obowiązuje dla ram licencyjnych
- Kontakt K3461-001 szt.2 obowiązuje dla ram kulowych.
- \*\*\*) - Kontakt K3450-001 po szt.1 obowiązuje dla ram kulowych i licencyjnych.
- Kontakt K3483-001 szt.1 obowiązuje dla ram o natychmiastowym działaniu aparatu chwytanego.
- \*\*\*\*) - Kontakt K3403-001 szt.2 obowiązuje dla kabin meblowych

E1103-006



4 144/Ko

|           |             |                             |                           |                                                       |        |                                                            |           |                  |   |   |   |   |   |   |   |    |    |    |
|-----------|-------------|-----------------------------|---------------------------|-------------------------------------------------------|--------|------------------------------------------------------------|-----------|------------------|---|---|---|---|---|---|---|----|----|----|
| Znak      | Zmiany      | Podpis                      | Data                      | „ZREMB”<br>ZAKŁADY URZĄDZEŃ<br>DZWIĞOWYCH<br>WARSZAWA |        | SPECYFIKACJA APARATURY                                     |           | E 1103-006       |   |   |   |   |   |   |   |    |    |    |
| ①         | KZ Nr 82/77 | Kaj                         | 5.11.77                   |                                                       |        | sterowania zbiorczegow dół ①<br>„standard” V=0,7m/s i 1m/s |           | Data<br>05. 75r. |   |   |   |   |   |   |   |    |    |    |
|           |             |                             |                           | Oprac.                                                | Foszer | Todleben                                                   | Str. 2    |                  |   |   |   |   |   |   |   |    |    |    |
|           |             |                             |                           | Spraw.                                                | Kin    | Zatw.                                                      | d. str. 3 |                  |   |   |   |   |   |   |   |    |    |    |
|           |             |                             |                           |                                                       |        | Nr arch.                                                   |           |                  |   |   |   |   |   |   |   |    |    |    |
| Nr        | Szt.        | Nazwa                       | Typ lub nr rysunku        | Fig.                                                  | Cew.   | Cew.                                                       | 1         | 2                | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 201:U     | 1           | Stycznik „Góra”             | K3 - 1T                   | 13                                                    | 3      |                                                            | 4         | 4                | 4 | 3 | 3 | 3 | - |   |   |    |    |    |
| 201:N     | 1           | Stycznik „Dół”              | K3 - 1T                   | 13                                                    | 3      |                                                            | 4         | 4                | 4 | 3 | 3 | 3 | - |   |   |    |    |    |
| 201:UP-NP | 2           | Układ przebiegowy           | 1μF 100Ω 250V             | 59                                                    |        |                                                            | 3         |                  |   |   |   |   |   |   |   |    |    |    |
| 203:H     | 1           | Stycznik „Szybko”           | K3 - 1T                   | 13                                                    | 3      |                                                            | 4         | 4                | 4 | - | - | 3 | - |   |   |    |    |    |
| 203:L     | 1           | Stycznik „Wolno”            | K3 - 1T                   | 13                                                    | 3      |                                                            | 4         | 4                | 4 | - | - | - | - |   |   |    |    |    |
| 203:HP-LP | 2           | Układ przebiegowy           | 1μF 100Ω 250V             | 59                                                    |        |                                                            | 3         |                  |   |   |   |   |   |   |   |    |    |    |
| 215       | 1           | Bateria                     | 4 x R20 6V                | 58                                                    |        |                                                            | 2         |                  |   |   |   |   |   |   |   |    |    |    |
| 220       | 1           | Wyłącznik główny            | WDM-60                    | 35                                                    |        |                                                            | 4         | 4                | 4 |   |   |   |   |   |   |    |    |    |
| 221       | 1           | Stycznik liniowy            | N110-35 220V              | 9b                                                    | 4      |                                                            | 4         | 4                | 4 |   |   |   |   |   |   |    |    |    |
| 232       | 1           | Przek. temp. termistorowy   | PTT 3-1 Unifra            | -                                                     |        |                                                            | 4         | 4                | 4 |   |   |   |   |   |   |    |    |    |
| 241:1-2   | 2           | Transformator sterowy       | K3421-001                 | 87                                                    |        |                                                            | 4         |                  |   |   |   |   |   |   |   |    |    |    |
| 251:1     | 1           | Prostownik                  | Sp5s 50-7                 | 65                                                    |        |                                                            | 4         |                  |   |   |   |   |   |   |   |    |    |    |
| 260       | 1           | Wyłącznik sterowania        | Pp22                      | 28                                                    |        |                                                            | 3         | -                | - | - |   |   |   |   |   |    |    |    |
| 261       | 1           | Wyłącznik wezwan            | Pp-22                     | 28                                                    |        |                                                            | 1         | 1                | - | - |   |   |   |   |   |    |    |    |
| 262       | 1           | Wyłącznik oświetlenia       | WDM-60                    | 22                                                    |        |                                                            | 4         |                  |   |   |   |   |   |   |   |    |    |    |
| 271:U-N   | 2           | Przycisk jazdy kontrolnej   | N1-1K „Elesler”           | 21                                                    |        |                                                            | 1         |                  |   |   |   |   |   |   |   |    |    |    |
| 274       | 1           | Gniazdo wtykowe             | Nf-161                    | 29                                                    |        |                                                            | 4         |                  |   |   |   |   |   |   |   |    |    |    |
| 281:1-3   | 3           | Bezpieczniki główne         | WDM-60                    | 53                                                    |        |                                                            | 4         |                  |   |   |   |   |   |   |   |    |    |    |
| 286:1-3   | 3           | Bezpieczniki transformatora | Nr476, 582, 2174 K.187 6A | 53                                                    |        |                                                            | 4         |                  |   |   |   |   |   |   |   |    |    |    |
| 287:1     | 1           | Bezpiecznik sterowy         | Nr476 582 2175 K.187 10A  | 53                                                    |        |                                                            | 4         |                  |   |   |   |   |   |   |   |    |    |    |
| 287:2     | 1           | Bezpiecznik sterowy         | Nr476, 582 2174 K.187 6A  | 53                                                    |        |                                                            | 4         |                  |   |   |   |   |   |   |   |    |    |    |
| 289       | 1           | Bezpiecznik sygnalizacji    | —                         | 53                                                    |        |                                                            | 4         |                  |   |   |   |   |   |   |   |    |    |    |
| 291:1     | 1           | Bezpiecznik oświetlenia     | WDM-60                    | 53                                                    |        |                                                            | 4         |                  |   |   |   |   |   |   |   |    |    |    |
| 291:2     | 1           | Bezpiecznik stycznika       | WDM-60                    | 53                                                    |        |                                                            | 4         |                  |   |   |   |   |   |   |   |    |    |    |

E1003-006



4 M4/Kc

| Znak          |      | Zmiany                       | Podpis             | Data    | „ZREMB”                                    |           | SPECYFIKACJA APARATURY                                          |   |   |   |   |   |   |   |   |    |    |    | E1103-006           |  |
|---------------|------|------------------------------|--------------------|---------|--------------------------------------------|-----------|-----------------------------------------------------------------|---|---|---|---|---|---|---|---|----|----|----|---------------------|--|
| ① KZ Nr 82/77 |      |                              | Kaj                | 5.11.77 | ZAKŁADY URZĄDZEŃ<br>DZWIĞOWYCH<br>WARSZAWA |           | sterowania zbiorczego w dół<br>„standard” V = 0,7 m/s i 1 m/s ① |   |   |   |   |   |   |   |   |    |    |    | Data 05. 75r Str. 3 |  |
|               |      |                              |                    |         | Oprac.                                     | Foszer    |                                                                 |   |   |   |   |   |   |   |   |    |    |    | C. d. str. 4        |  |
|               |      |                              |                    |         | Spraw.                                     | Kin       |                                                                 |   |   |   |   |   |   |   |   |    |    |    | Nr arch.            |  |
|               |      |                              |                    |         |                                            | Todtleben |                                                                 |   |   |   |   |   |   |   |   |    |    |    |                     |  |
| Nr            | Szt. | Nazwa                        | Typ lub nr rysunku | Fig.    | Cew.                                       | Cew.      | 1                                                               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |                     |  |
| 491           | 1    | Opornik luzownika            | DES W-25 160Ω(200) | 52      |                                            |           |                                                                 |   | 4 |   |   |   |   |   |   |    |    |    |                     |  |
| 497           | 1    | Zawór                        | SPS-1A-75-Q24      | 63      |                                            |           |                                                                 |   | 4 |   |   |   |   |   |   |    |    |    |                     |  |
| 501:1         | 1    | Przekaznik dyspozycji        | PAY 42 „Elprom”    | 3       | 1                                          | 1         | 1                                                               | 2 | 1 | 3 |   |   |   |   |   |    |    |    |                     |  |
| 501:2         | 1    | „ ”                          | „ ”                | 3       | 1                                          | 1         | 1                                                               | 2 | 1 | 3 |   |   |   |   |   |    |    |    |                     |  |
| 501:t         | 1    | „ ”                          | „ ”                | 3       | 1                                          | 1         | 1                                                               | 2 | 1 | 3 |   |   |   |   |   |    |    |    |                     |  |
| 502:1         | 1    | Przekaznik wezwań „Dół”      | „ ”                | 3       | 1                                          | 1         | 1                                                               | 2 | 1 | — |   |   |   |   |   |    |    |    |                     |  |
| 502:2         | 1    | „ ”                          | „ ”                | 3       | 1                                          | 1         | 1                                                               | 2 | 1 | — |   |   |   |   |   |    |    |    |                     |  |
| 502:t         | 1    | „ ”                          | „ ”                | 3       | 1                                          | 1         | 1                                                               | 2 | 1 | — |   |   |   |   |   |    |    |    |                     |  |
| 511:1         | 1    | Przekaznik piętrowy          | PAY 84 „Elprom”    | 6       | 4                                          | 4         | 4                                                               | — | 4 | 3 | 1 | 1 | — | — | 2 | 2  | 4  |    |                     |  |
| 511:2         | 1    | „ ”                          | PAY 102 „Elprom”   | 5       | 4                                          |           | 4                                                               | 4 | 4 | 3 | 1 | 1 | — | — | 2 | 2  | —  |    |                     |  |
| 511:t         | 1    | „ ”                          | PAY 84 „Elprom”    | 6       | 4                                          | 4         | 4                                                               | 4 | — | 3 | 1 | 1 | — | — | 2 | 2  | 4  |    |                     |  |
| 512:1         | 1    | Przek. przyst. nieparzystych | „ ”                | 6       | 3                                          |           | 3                                                               | 2 | — | — | — | — | — | — | 2 | 4  | 2  |    |                     |  |
| 512:2         | 1    | Przek. przyst. parzystych    | „ ”                | 6       | 3                                          |           | 3                                                               | 2 | — | — | — | — | — | — | 2 | 4  | 2  |    |                     |  |
| 521:U         | 1    | Przek. kierunku „Góra”       | PAY 84 „Elprom”    | 6       | 2                                          | 2         | 3                                                               | 3 | 3 | 2 | 2 | — | — | — | 2 | 3  | 1  | 2  |                     |  |
| 521:N         | 1    | Przek. kierunku „Dół”        | „ ”                | 6       | 2                                          |           | 3                                                               | 3 | 3 | 2 | 2 | — | — | — | 2 | 3  | —  | 2  |                     |  |
| 522           | 1    | Przek. jazdy „Szybko”        | PAY 42 „Elprom”    | 3       | 3                                          | 3         | 3                                                               | 4 | — | — |   |   |   |   | 3 | 3  |    |    |                     |  |
| 527:D         | 1    | Przek. zatrzymania           | PAY 20 „ ”         | 2       | 1                                          | 1         | —                                                               | 2 |   |   |   |   |   |   |   |    |    |    |                     |  |
| 527:N         | 1    | Przek. zatrzymania           | „ ”                | 2       | 1                                          | 1         | —                                                               | 2 |   |   |   |   |   |   |   |    |    |    |                     |  |
| 529           | 1    | Przek. zwalniania            | PAY 84 „ ”         | 6       | 2                                          | 2         | 2                                                               | — | 3 | — | 1 | 1 | — | — | 3 | 3  | 3  | —  |                     |  |
| 531:U         | 1    | Przek. jazdy „Góra”          | „ ”                | 6       | 3                                          | 3         | 4                                                               | 4 | 3 | — | 2 | — | — | — | 2 | 2  | —  | 2  |                     |  |
| 531:N         | 1    | Przek. jazdy „Dół”           | „ ”                | 6       | 3                                          | 3         | 4                                                               | 4 | 3 | — | 2 | — | — | — | 2 | 2  | —  | 2  |                     |  |
| 551:1-2       | 2    | Przekaznik fotokomórki       | „ ”                | 6       | 3                                          |           | 4                                                               | 3 | — | — | — | — | — | — | 4 | 3  | 4  | —  |                     |  |
| 561           | 1    | Przekaznik „Stop”            | PAY 102 „ ”        | 5       | 3                                          | 3         | 3                                                               | 3 | 2 | 3 | — | 1 | — | 3 | — | —  | —  | 3  |                     |  |
| 578           | 1    | Przek. pełnego obciążenia    | PAY 42 „Elprom”    | 3       | 2                                          | 2         | 2                                                               | — | — | — |   |   |   |   | 2 | —  |    |    |                     |  |
| 581           | 1    | Przekaznik drzwi             | PAY 84 „ ”         | 6       | 3                                          | 3         | 3                                                               | 3 | 2 | — | — | — | — | — | 3 | 3  | —  | 1  |                     |  |
| 522:R1        | 1    | Opornik                      | Młt-2 1000Ω        | 52      |                                            |           |                                                                 |   | 3 |   |   |   |   |   |   |    |    |    |                     |  |
| 522:R2        | 1    | „ ”                          | OWZ 10000 Ω 2W     | 52      |                                            |           |                                                                 |   | 3 |   |   |   |   |   |   |    |    |    |                     |  |
| 531:R1        | 1    | „ ”                          | Młt-2 1000Ω        | 52      |                                            |           |                                                                 |   | 3 |   |   |   |   |   |   |    |    |    |                     |  |
| 581:R1        | 1    | „ ”                          | DESRW-15 1600Ω     | 51      |                                            |           |                                                                 |   | 3 |   |   |   |   |   |   |    |    |    |                     |  |
| 581:R2        |      | „ ”                          | OWZ- 300Ω 2W       | 52      |                                            |           |                                                                 |   | 3 |   |   |   |   |   |   |    |    |    |                     |  |
| 522:C         | 1    | Kondensator                  | 220μF 63V          | 60      |                                            |           |                                                                 |   | 3 |   |   |   |   |   |   |    |    |    |                     |  |
| 531:C         | 1    | „ ”                          | 470μF 63V          | 60      |                                            |           |                                                                 |   | 3 |   |   |   |   |   |   |    |    |    |                     |  |
| 581:C         | 1    | „ ”                          | 2200μF 63V         | 60      |                                            |           |                                                                 |   | 3 |   |   |   |   |   |   |    |    |    |                     |  |
| 511:D1        | 1    | Zawór                        | BY238 lub BYP401   | 64      |                                            |           |                                                                 |   | 2 |   |   |   |   |   |   |    |    |    |                     |  |
| 511:D2        | 1    | „ ”                          | „ ”                | 64      |                                            |           |                                                                 |   | 2 |   |   |   |   |   |   |    |    |    |                     |  |
| 576:D         | 1    | „ ”                          | „ ”                | 64      |                                            |           |                                                                 |   | 2 |   |   |   |   |   |   |    |    |    |                     |  |
| ①522:D        | 1    | „ ”                          | „ ”                | 64      |                                            |           |                                                                 |   | 3 |   |   |   |   |   |   |    |    |    |                     |  |
| 551:1P        | 1    | Układ przeplęciowy           | KG-Q25-350-250     | 59      |                                            |           |                                                                 |   | 3 |   |   |   |   |   |   |    |    |    |                     |  |
| 551:2P        | 1    | „ ”                          | „ ”                | 59      |                                            |           |                                                                 |   | 3 |   |   |   |   |   |   |    |    |    |                     |  |

E1103-006



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|           |                       |               |                 |                                                        |                                                                                                                                                                   |               |
|-----------|-----------------------|---------------|-----------------|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Znak<br>① | Zmiany<br>KZ Nr 82/77 | Podpis<br>Kef | Data<br>5.11.77 | "ZREMB"<br>ZAKŁADY URZĄDZEN<br>DZWIŹGOWYCH<br>WARSZAWA | SPECYFIKACJA APARATURY<br>Zestawienie wyposażenia tablicy<br>sterowej przekąźnikowej<br>sterowania zbiorczego w dół ①<br>"standard" $V = 0,7 \text{ m/s i t m/s}$ | E1103-006     |
|           |                       |               |                 | Oprac.<br>Foszer                                       | Zatw.<br>Tadtleben                                                                                                                                                |               |
|           |                       |               |                 | Spraw.<br>Kin                                          |                                                                                                                                                                   |               |
|           |                       |               |                 |                                                        |                                                                                                                                                                   | Data<br>05.75 |
|           |                       |               |                 |                                                        |                                                                                                                                                                   | Str. 4        |
|           |                       |               |                 |                                                        |                                                                                                                                                                   | C. d. str.    |
|           |                       |               |                 |                                                        |                                                                                                                                                                   | Nr arch.      |

| Nr | Sz.        | Nazwa                             | Typ lub nr rysunku            | Fig. | Cew. | Cew. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|----|------------|-----------------------------------|-------------------------------|------|------|------|---|---|---|---|---|---|---|---|---|----|----|----|
| 1  | 1          | Tablica stycznikowo-przekąźnikowa | K1504-001                     |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 2  | 2          | Przekąźnik                        | PAY-20                        |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 3  | 2+2        | "                                 | PAY-42                        |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 4  | 11         | "                                 | PAY-84                        |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 5  | t-1        | "                                 | PAY-102                       |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 6  | 1          | Opornik                           | DESRW-15-1600Ω                |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 7  | 1          | "                                 | DESW-25-160(200)Ω             |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 8  | 2          | "                                 | MŁt-2-1000Ω                   |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 9  | 1          | "                                 | OWZ-300Ω                      |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 10 | 1          | "                                 | OWZ-10000Ω                    |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 11 | 1          | Kondensator                       | 220μF 63V                     |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 12 | 1          | "                                 | 470μF 63V                     |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 13 | 1          | "                                 | 2200μF 63V                    |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 14 | 2          | Układ przebieciowy                | KB-025-350-250                |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 15 | 1          | Zawór                             | SPs-1A-75-0,24                |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 16 | 4          | "                                 | BYP401                        |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 17 | wg. TT     | Przewód                           | LYg 250 x 1,5 mm <sup>2</sup> |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 18 | wg. TT     | "                                 | DY 250 x 0,5 mm <sup>2</sup>  |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 19 | wg. TT     | "                                 | LYg 250 x 0,5 mm <sup>2</sup> |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 20 | wg. TT     | "                                 | TDYd φ0,6                     |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 21 | 1m         | Rura izolacyjna giętka            | K5050-034                     |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 22 | 22m        | Koszulka olejowa                  | φ3                            |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 23 | 3          | Płytki                            | K5050-001                     |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 24 | 1          | Ślizgacz                          | K5050-035-3                   |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 25 | 2          | Płota                             | K4003                         |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 26 | 1          | Pokrowiec                         | K4002                         |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 27 | 1          | Wspornik                          | K5050-002                     |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 28 | 2          | Docisk                            | K5050-083-2                   |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 29 | 2          | Śruba dwustronna                  | K5003-011-2                   |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 30 | 2          | Podkładka                         | K5050-084                     |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 31 | 1          | Łącznik                           | K5050-003                     |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 32 | 2          | Ramka                             | K3801-004                     |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 33 | E1203-006  | Numeracja aparatów                | K5050-046                     |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 34 | E-1203-006 | Numeracja przewodów               | K5050-087                     |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 35 | 1          | Przepust                          | SPU-01-07a                    |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 36 | 6          | Wkręt M4 x 8                      | PN-60/M-82221                 |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 37 | 3          | Wkręt M5 x 10                     | "                             |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 38 | 5          | Nakrętka M4                       | PN-58/M-82144                 |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 39 | 4          | Podkładka 4,3                     | PN-62/M-82007                 |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 40 | 3          | Podkładka miedziana 5,3           | PN-69/M-93606                 |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |
| 41 | 2          | Podkładka sprężysta 4,1           | PN-65/M-82008                 |      |      |      |   |   |   |   |   |   |   |   |   |    |    |    |

E1103-006



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|                       |        |               |                 |                                                       |                                                                                   |                                                          |
|-----------------------|--------|---------------|-----------------|-------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------|
| Znak<br>① KZ Nr 82/77 | Zmiany | Podpis<br>Kuj | Data<br>5.11.77 | „ZREMB”<br>ZAKŁADY URZĄDZEŃ<br>DZWIgOWYCH<br>WARSZAWA | Zestawienie zacisków<br>sterowania zbiorczego w dół<br>„standard” v=0.7m/s i 1m/s | E1203-006                                                |
|                       |        |               |                 | Oprac. Foszer<br>Spraw. Kin                           | Todleben<br>Zatw.                                                                 | Data 05. 75.<br>Str. 1<br>C. d. str. 2<br>Nr arch. 18218 |

| L. p. | Zacisk | Przewód | Aparat lub zacisk |       | Zacisk | Przewód | Aparat lub zacisk |       | Zacisk | Przewód | Aparat lub zacisk |       | Zacisk. | Przewód | Aparat lub zacisk |       |
|-------|--------|---------|-------------------|-------|--------|---------|-------------------|-------|--------|---------|-------------------|-------|---------|---------|-------------------|-------|
| 1     | 00     | 00-50   | Z50               |       | 80     | 80-00   | Z00               |       | 134    | 134     | 260               | 1     | 201     | 201     | 271:N             | 2     |
| 2     |        | 00-80   | Z80               |       |        | 80      | 501:1             | 2     |        | 134     | 501:1             | 17    |         | 201     | 501:1             | 1     |
| 3     |        | 00-100  | Z100              |       |        | 80      | 110:t             | 5     |        | 134     | 125:t             | 1     |         | 201     | 50                | 21    |
| 4     |        | 00-150  | Z150              |       | 81     | 81      | 201:N             | 24    | 138    | 134     | 110:1             | 3     | 202     | 202     | 501:2             | 1     |
| 5     |        | 00      | 251:1             | (+)   |        | 81      | 531:N             | 1     |        | 138     | 502:1             | 11    |         | 202     | 50                | 22    |
| 6     | 4      | 00      | 20                | 4     | 82     | 82      | 201:U             | 24    | 138    | 138-136 | z136              |       | 203     | 203     | 501:3             | 1     |
| 7     |        | 00      | 232               | 1     |        | 82      | 531:U             | 1     |        | 138     | 110:t             | 6     |         | 203     | 50                | 23    |
| 8     |        | 4       | 203:H             | 1     | 83     | 83      | 201:U             | 11    | 139    | 138     | 20                | 138   | 200+t   |         |                   |       |
| 9     |        | 4       | 20                | 4     |        | 83      | 521:U             | 34    |        | 139     | 561               | 17    |         |         |                   |       |
| 10    |        | 5       | 5                 | 201:U | 5      | 84      | 84                | 201:U | 22     | 141     | 139               | 110:t | 4       | 301     | 200+t             | 271:U |
| 11    | 5      |         | 20                | 5     | 84     |         | 521:N             | 34    | 141    |         | 260               | 2     | 200+t   |         | 501:t             | 1     |
| 12    | 6      | 6       | 201:U             | 3     | 86     | 86      | 203:L             | α     | 143    | 141     | 578               | 12    | 302     | 200+t   | 50                | 204   |
| 13    |        | 6       | 20                | 6     |        | 86      | 529               | 18    |        | 141     | 50                | 4     |         | 301     | 502:1             | 1     |
| 14    | 11     | 11      | 203:H             | 2     | 87     | 87      | 203:L             | 11    | 143    | 143     | 561               | 37    | 303     | 301     | 110:1             | 7     |
| 15    |        | 11      | 1                 |       |        | 87      | 561               | 28    |        | 143     | 232               | 5     |         | 302     | 502:2             | 1     |
| 16    | 12     | 12      | 203:H             | 4     | 91     | 91      | 289               | 2     | 145    | 143     | 110:t             | 2     | 300+t   | 302     | 110:2             | 7     |
| 17    |        | 12      | 1                 |       |        | 91      | 50                | 11    |        | 145     | 529               | 34    |         | 303     | 502:3             | 1     |
| 18    | 13     | 13      | 201:N             | 6     | 100    | 100-00  | Z00               |       | 146    | 145     | 50                | 16    |         | 303     | 110:3             | 7     |
| 19    |        | 13      | 1                 |       |        | 100     | 100               | 11    |        | 2       | 146               | 522   | 1       |         |                   |       |
| 20    | 21     | 21      | 203:L             | 2     | 101    | 100     | 11                | 2     | 150    | 146     | 50                | 17    | 300+t   |         |                   |       |
| 21    |        | 21      | 1                 |       |        | 101     | 201:U             | 2     |        | 150     | 500+t             | 502:t |         | 1       |                   |       |
| 22    | 22     | 22      | 203:L             | 4     | 101    | 101     | 491               | 1     | 151    | 150-00  | Z00               |       | 52      | 52      | 436:U             | 1     |
| 23    |        | 22      | 1                 |       |        | 101     | 11                | 1     |        | 151     | 201:U             | 6     |         | 52      | 22*)              | 4     |
| 24    | 23     | 23      | 201:U             | 6     | 112    | 101     | 11                | 1     | 155    | 150     | 232               | 2     | 142**)  | 142     | 50                | 8     |
| 25    |        | 23      | 1                 |       |        | 112     | 511:1             | 1     |        | 155     | 50                | 20    |         | 147**)  | 147               | 50    |
| 26    | 50     | 50-00   | Z00               |       | 113    | 112     | 125:1             | 4     | 151    | 151     | 201:U             | 1     | 163     |         |                   |       |
| 27    |        | 50      | 274               | 2     |        | 113     | 511:t             | 1     |        | 151     | 497               | (+)   |         |         |                   |       |
| 28    |        | 50      | 20                | 50    | 115    | 113     | 125:t             | 4     | 155    | 50      | 5                 | 165   |         |         |                   |       |
| 29    |        | 50      | 49                | 1     |        | 115     | 521:N             | 12    | 155    | 531:U   | 33                |       |         |         |                   |       |
| 30    | 51     | 51      | 20                | 51    | 116    | 115     | 125:1             | 2     | 137    |         |                   |       | 144     |         |                   |       |
| 31    |        | 51      | 22*)              | 3     |        | 116     | 521:U             | 12    |        | 137-136 | z136              |       |         |         | 52                | 52    |
| 32    | 53     | 53      | 136:N             | 2     | 117    | 116     | 521:U             | 12    | 144    | 137     | 50                | 3     | 142**)  | 142     | 50                | 8     |
| 33    |        | 53      | 49                | 2     |        | 117     | 125:t             | 2     |        | 137     | 20                | 137   |         | 147**)  | 147               | 50    |
| 34    | 54     | 54      | 20                | 54    | 127    | 117     | 261               | 3     | 163    | 144     | 261               | 1     | 166     |         |                   |       |
| 35    |        | 54      | 49                | 3     |        | 127     | 50                | 15    |        | 144     | 20                | 144   |         |         |                   |       |
| 36    | 56     | 56      | 274               | 1     | 131    | 127     | 201:U             | 21    | 165    | 144     | 20                | 144   | 166     |         |                   |       |
| 37    |        | 56      | 20                | 56    |        | 131     | 551:2             | 34    |        |         |                   |       |         |         |                   |       |
| 38    | 57     | 56      | 20                | 56    | 131    | 131     | 201:U             | 23    | 163    |         |                   |       | 165     |         |                   |       |
| 39    |        | 57      | 20                | 57    |        | 131     | Z131              |       |        |         |                   |       |         |         |                   |       |
| 40    | 58     | 57      | 49                | 4     | 131    | 131     | 50                | 12    | 166    |         |                   |       | 165     |         |                   |       |
| 41    |        | 58      | 241:1             | 01    |        | 131     | 22                | 1     |        |         |                   |       |         |         |                   |       |
| 42    | 59     | 58      | 286:1             | 2     | 131    | 131     | 501:1             | 13    | 163    |         |                   |       | 166     |         |                   |       |
| 43    |        | 59      | 241:2             | 01    |        | 131     | 271:U             | 1     |        | 163     | 551:1             | 1     |         |         |                   |       |
| 44    | 60     | 59      | 286:2             | 2     | 136    | 131     | 125:t             | 3     | 165    | 163     | 50                | 14    | 166     |         |                   |       |
| 45    |        | 60      | 232               | 3     |        | 136     | Z131              |       |        | 166     | 551:2             | 1     |         |         |                   |       |
| 46    | 71     | 60      | 241:2             | 03    | 136    | 136-137 | z137              |       | 166    | 166     | 50                | 13    | 165     |         |                   |       |
| 47    |        | 71      | 286:3             | 2     |        | 136-138 | z138              |       |        |         |                   |       |         |         |                   |       |
| 48    | 76     | 71      | 215               | (+)   | 132    | 136     | 20                | 136   | 163    |         |                   |       | 165     |         |                   |       |
| 49    |        | 76      | 139               | 2     |        | 136     | 50                | 2     |        |         |                   |       |         |         |                   |       |
| 50    | 77     | 76      | 215               | (+)   | 133    | 132     | 110:1             | 12    | 166    |         |                   |       | 165     |         |                   |       |
| 51    |        | 77      | 50                | 6     |        | 132     | 22                | 2     |        |         |                   |       |         |         |                   |       |
| 52    |        | 77      | 139               | 1     | 133    | 133     | 561               | 38    | 166    |         |                   |       | 165     |         |                   |       |
| 53    |        |         | 50                | 7     |        | 133     | 232               | 4     |        |         |                   |       |         |         |                   |       |
| 54    |        |         |                   |       | 133    | 133     | 50                | 1     | 166    |         |                   |       | 165     |         |                   |       |
| 55    |        |         |                   |       |        |         |                   |       |        |         |                   |       |         |         |                   |       |

\*) Przy zastosowaniu ogranicznika MR1 zewrzeć zaciski 51-52.

\*\*) Przy ramach kabinow. o natychmiastowym działaniu aparatu chwytanego zewrzeć zaciski 142-147

\*) Przy zastosowaniu ogranicznika MR1 zewrzeć zaciski 51-52.  
\*\*) Przy ramach kabinow. o natychmiastowym działaniu aparatu chwytowego zewrzeć zaciski 142-147

E1203-006



4 144 / Ka

|           |                       |               |                 |                                                        |  |                                                                   |        |       |                    |  |  |  |  |  |  |           |              |  |          |  |
|-----------|-----------------------|---------------|-----------------|--------------------------------------------------------|--|-------------------------------------------------------------------|--------|-------|--------------------|--|--|--|--|--|--|-----------|--------------|--|----------|--|
| Znak<br>① | Zmiany<br>K2 Nr 82/77 | Podpis<br>Kop | Data<br>2.11.77 | „ZREMB”<br>ZAKŁADY URZĄDZEN<br>DZWIIGOWYCH<br>WARSZAWA |  | TABELA POŁĄCZEN                                                   |        |       |                    |  |  |  |  |  |  | E1203-006 |              |  |          |  |
|           |                       |               |                 |                                                        |  | sterowania zbiorczego w dot. dźwigu<br>„standard” V=0,7m/s i 1m/s |        |       |                    |  |  |  |  |  |  | Data      | Str. 2       |  |          |  |
|           |                       |               |                 |                                                        |  |                                                                   |        |       |                    |  |  |  |  |  |  | 05. 75.   | C. d. str. 3 |  |          |  |
|           |                       |               |                 |                                                        |  | Oprac.                                                            | Foszer | Fosur |                    |  |  |  |  |  |  |           |              |  | Nr arch. |  |
|           |                       |               |                 |                                                        |  | Spraw.                                                            | Kin    |       | Todtleben<br>Zatw. |  |  |  |  |  |  |           |              |  |          |  |

| L.p. | Biegun(-) | Biegun(+) | Strona1 | Strona1 | Strona1 | Strona2 | Strona2 | Strona2 | Strona2 | Strona2 | Strona2 | Strona2 | Strona2 |    |
|------|-----------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----|
| 1    | Z 80.     | Z 131     | Z 138   | 511:1   | 24      | 501:t   | 16      | 527:N   | 13      | 501:t   | 14      | 512:1   | 31      |    |
| 2    | 501:1     | 2         | 501:1   | 13      | 502:1   | 11      | :2      | 24      | 511:t   | 21      | 521:U   | 37      | 511:t   | 33 |
| 3    | :2        | 2         | :2      | 13      | :2      | 11      | —       | —       | 531:U   | 22      | 511:D1  | 14      | :U      | 18 |
| 4    | —         | —         | —       | —       | :t      | 24      | —       | —       | :N      | 22      | —       | —       | 531:N   | 38 |
| 5    | :t        | 2         | :t      | 13      | :t      | 11      | 529     | 24      | —       | —       | 529     | 12      | 501:t-1 | 14 |
| 6    | 512:1     | 2         | —       | —       | 576:D   | 11      | 521:U   | 35      | 501:2   | 16      | 527:D   | 13      | 502:t-1 | 14 |
| 7    | :2        | 2         | 511:1   | 17      | —       | —       | —       | —       | 511:2   | 21      | —       | —       | 511:t-1 | 32 |
| 8    | 502:t     | 2         | —       | 35      | —       | —       | —       | —       | —       | —       | —       | 33      | :t      | 13 |
| 9    | —         | —         | :2      | 17      | —       | —       | 521:U   | 36      | 501:1   | 16      | 512:1   | 13      | —       | —  |
| 10   | :2        | 2         | :3      | 17      | 502:t   | 12      | 527:N   | 1       | 511:1   | 21      | 527:D   | 14      | —       | —  |
| 11   | :1        | 2         | —       | —       | —       | 4       | —       | —       | —       | —       | 578     | 32      | —       | —  |
| 12   | 521:U     | 4         | :t      | 17      | —       | 1       | —       | —       | —       | —       | 501:2   | 14      | :t-1    | 34 |
| 13   | 521:N     | 2         | 581     | 37      | Z 300+t | —       | —       | —       | 511:1   | 22      | —       | —       | 502:2   | 14 |
| 14   | 511:1     | 2         | 551:1   | 13      | —       | —       | 501:1   | 11      | —       | —       | 511:2   | 32      | —       | —  |
| 15   | —         | 4         | —       | 35      | —       | —       | :2      | 11      | 511:t   | 22      | 512:1   | 14      | —       | —  |
| 16   | :2        | 2         | :2      | 13      | —       | —       | —       | —       | 529     | 21      | 512:2   | 13      | —       | —  |
| 17   | :3        | 2         | —       | 35      | 502:2   | 12      | :t      | 11      | 527:D   | 1       | —       | —       | 511:D2  | 14 |
| 18   | —         | —         | 561     | 23      | —       | 4       | 581     | 38      | —       | —       | 501:1   | 14      | —       | —  |
| 19   | :t        | 2         | 531:U   | 21      | —       | 1       | 581     | 24      | 521:U   | 38      | 511:1   | 32      | 511:2   | 31 |
| 20   | —         | 4         | :N      | 21      | Z 302   | —       | —       | —       | :N      | 37      | 521:N   | 22      | :1      | 34 |
| 21   | 581       | 2         | 522     | 13      | —       | —       | —       | —       | —       | —       | 512:2   | 32      | —       | —  |
| 22   | 578       | 4         | —       | —       | 502:1   | 12      | —       | —       | —       | —       | —       | —       | 511:1   | 31 |
| 23   | 561       | 2         | —       | —       | —       | 4       | 501:t   | 12      | —       | —       | 512:2   | 14      | —       | —  |
| 24   | 531:U     | 4         | —       | —       | —       | 1       | —       | 4       | 521:N   | 38      | —       | —       | 531:U   | 31 |
| 25   | 531:N     | 4         | —       | —       | Z 301   | —       | —       | 1       | 529     | 1       | 521:U   | 22      | 531:U   | 32 |
| 26   | 529       | 4         | —       | —       | —       | —       | Z 200+t | —       | 529     | 11      | —       | —       | 521:U   | 31 |
| 27   | —         | 22        | —       | —       | —       | —       | —       | —       | —       | —       | 502:t   | 14      | —       | —  |
| 28   | —         | 23        | —       | —       | 502:t   | 3       | —       | —       | —       | —       | 511:t   | 32      | 521:U   | 32 |
| 29   | 527:D     | 4         | —       | —       | —       | 15      | —       | —       | Z 155   | —       | 511:D1  | 14      | :N      | 1  |
| 30   | 527:N     | 4         | —       | —       | —       | —       | 501:2   | 12      | —       | —       | —       | —       | —       | —  |
| 31   | 522       | 4         | —       | —       | —       | —       | —       | 4       | —       | —       | 502:1   | 14      | 512:1   | 35 |
| 32   | 551:1     | 2         | —       | —       | —       | —       | —       | 1       | —       | —       | 511:1   | 33      | :2      | 35 |
| 33   | :1P       | 2         | —       | —       | 502:2   | 3       | Z 202   | —       | 531:U   | 34      | 511:D2  | 14      | 521:N   | 17 |
| 34   | :2        | 2         | —       | —       | —       | 15      | —       | —       | 531:N   | 33      | —       | —       | 521:U   | 17 |
| 35   | :2P       | 2         | —       | —       | —       | —       | 501:1   | 12      | —       | —       | —       | —       | 581     | 15 |
| 36   | 531:C     | 11        | —       | —       | 502:1   | 3       | —       | 4       | —       | —       | 511:t   | 34      | 576:D   | 14 |
| 37   | 581:C     | 11        | —       | —       | —       | 15      | —       | 1       | 531:N   | 34      | 531:N   | 31      | —       | —  |
| 38   | 522:C     | 11        | —       | —       | —       | —       | Z 201   | —       | 578     | 1       | —       | —       | —       | —  |
| 39   | 497       | 11        | —       | —       | —       | —       | —       | —       | —       | 11      | —       | —       | 581     | 16 |
| 40   | 581:R2    | 2         | —       | —       | 502:t   | 16      | 501:t   | 3       | —       | —       | 531:N   | 32      | 561     | 15 |
| 41   | 522:R2    | 2         | —       | —       | 511:t   | 23      | —       | 15      | —       | —       | 521:N   | 31      | —       | —  |
| 42   | 491       | 2         | —       | —       | —       | —       | —       | —       | Z 141   | —       | —       | —       | —       | —  |
| 43   | —         | —         | —       | —       | —       | —       | —       | —       | 578     | 12      | —       | —       | 561     | 16 |
| 44   | —         | —         | —       | —       | —       | —       | —       | —       | —       | —       | 521:N   | 32      | 531:U   | 37 |
| 45   | —         | —         | —       | —       | —       | —       | —       | —       | —       | —       | :U      | 1       | —       | —  |
| 46   | —         | —         | 502:2   | 16      | 501:2   | 3       | —       | —       | —       | —       | —       | —       | —       | —  |
| 47   | —         | —         | 511:2   | 23      | —       | 15      | —       | —       | 527:N   | 14      | —       | —       | 531:U   | 33 |
| 48   | —         | —         | —       | —       | —       | —       | —       | —       | 578     | 31      | —       | —       | :N      | 37 |
| 49   | —         | —         | 501:1   | 16      | 501:1   | 3       | —       | —       | —       | —       | 512:1   | 36      | —       | —  |
| 50   | —         | —         | 511:1   | 23      | —       | 15      | —       | —       | —       | —       | 512:2   | 36      | —       | —  |
| 51   | —         | —         | —       | —       | —       | —       | —       | —       | —       | —       | 521:N   | 21      | —       | —  |
| 52   | —         | —         | —       | —       | —       | —       | —       | —       | —       | —       | :U      | 21      | 512:1   | 32 |
| 53   | —         | —         | —       | —       | —       | —       | —       | —       | —       | —       | —       | —       | 512:2   | 31 |

E1203-006

E1203-006



444/K

| Znak          | Zmiany   | Podpis | Data     | „ZREMB”                                     |          | TABELA POŁĄCZEN                                                  |                   |       |                   |    |                   |    |          |    |                         | E1203-006 |              |        |          |  |
|---------------|----------|--------|----------|---------------------------------------------|----------|------------------------------------------------------------------|-------------------|-------|-------------------|----|-------------------|----|----------|----|-------------------------|-----------|--------------|--------|----------|--|
| ① K2 Nr 82/77 |          | Kuś    | 21.11.77 | ZAKŁADY URZĄDZEŃ<br>DZWIŹGOWYCH<br>WARSZAWA |          | sterowania zbiorczego w dół dźwigu<br>„standard” V=0,7m/s i 1m/s |                   |       |                   |    |                   |    |          |    |                         | Data      |              | Str. 3 |          |  |
|               |          |        |          | Oprac.                                      | Foszer   | Peruś                                                            |                   |       |                   |    |                   |    |          |    |                         |           | C. d. str. 4 |        |          |  |
|               |          |        |          | Spraw.                                      | Kin      |                                                                  | Tadleben          | Zatw. |                   |    |                   |    |          |    |                         |           |              |        | Nr arch. |  |
| L.p.          | Strona 3 |        | Strona 3 |                                             | Strona 3 |                                                                  | Strona 3          |       | Strona 4          |    | Strona 4          |    | Strona 4 |    | Połączenia<br>dodatkowe |           |              |        |          |  |
| 1.            | Z 145    |        | 561      | 12                                          | 581      | 13                                                               | 512:1             | 1     | 511:t             | 1  | 511:2             | 14 | 497      | 14 | 527:N                   | 2         |              |        |          |  |
| 2             | 529      | 34     | 581      | 33                                          | 561      | 13                                                               |                   | 12    | Z 113             |    | :1                | 3  | Z 151    |    |                         | 3         |              |        |          |  |
| 3             |          |        | 501:t    | 17                                          |          | 38                                                               | 511:1             | 18    |                   |    |                   | 12 |          |    |                         |           |              |        |          |  |
| 4             |          |        | —        |                                             | Z 133    |                                                                  | :3                | 18    | 512:1             | 33 |                   |    | 491      | 1  | 527:D                   | 2         |              |        |          |  |
| 5             | 521:U    | 11     | :2       | 17                                          |          |                                                                  | :5                | 18    | 512:2             | 33 | 511:1             | 1  | Z 101    |    |                         | 3         |              |        |          |  |
| 6             | :N       | 11     | :1       | 17                                          | 561      | 37                                                               | —                 |       | 522               | 14 | Z 112             |    |          |    |                         |           |              |        |          |  |
| 7             | 522:D    | (-)    | Z 134    |                                             | Z 143    |                                                                  | dalej nieparzyste |       | 551:1             | 31 |                   |    |          |    | 529                     | 2         |              |        |          |  |
| 8             | 522:D    | (+)    |          |                                             |          |                                                                  |                   |       | :2                | 31 |                   |    |          |    |                         | 3         |              |        |          |  |
| 9             | 529      | 33     |          |                                             |          |                                                                  | 512:2             | 1     | 511:t             | 36 | 551:1             | 36 |          |    |                         |           |              |        |          |  |
| 10            |          |        | 561      | 17                                          | 561      | 14                                                               |                   | 12    |                   |    | :2                | 11 |          |    | 521:U                   | 2         |              |        |          |  |
| 11            | Z 146    |        | Z 139    |                                             | 581      | 14                                                               | 511:2             | 18    | 512:2             | 34 |                   |    |          |    |                         | 3         |              |        |          |  |
| 12            | 522      | 1      |          |                                             | 581:R1   | 3                                                                | :4                | 18    | 551:2             | 32 | 531:U             | 13 |          |    |                         |           |              |        |          |  |
| 13            | 522:R1   | 1      |          |                                             |          |                                                                  | :6                | 18    | 511:1             | 11 | :N                | 13 |          |    | 522                     | 2         |              |        |          |  |
| 14            |          |        |          |                                             |          |                                                                  | —                 |       | :3                | 11 | 551:2             | 12 |          |    |                         | 3         |              |        |          |  |
| 15            |          |        | 551:1    | 33                                          | 581      | 1                                                                | dalej parzyste    |       | :5                | 11 |                   |    |          |    |                         |           |              |        |          |  |
| 16            | 522:C    | (+)    | 561      | 18                                          | 581:R1   | 2                                                                |                   |       | —                 |    | 531:N             | 14 |          |    | 561                     | 3         |              |        |          |  |
| 17            | :R1      | 2      | 529      | 31                                          |          |                                                                  |                   |       | dalej nieparzyste |    | 511:3             | 13 |          |    |                         | 4         |              |        |          |  |
| 18            | :R2      | 1      | 522      | 11                                          |          |                                                                  | 551:1             | 14    |                   |    | :5                | 13 |          |    |                         |           |              |        |          |  |
| 19            |          |        |          |                                             | 522      | 34                                                               | 512:2             | 11    |                   |    | :7                | 13 |          |    | 531:U                   | 2         |              |        |          |  |
| 20            |          |        |          |                                             | 581:R1   | 1                                                                |                   |       | 512:1             | 34 | —                 |    |          |    |                         | 3         |              |        |          |  |
| 21            | 521:U    | 13     | 551:1    | 34                                          |          |                                                                  |                   |       | 551:1             | 32 | dalej nieparzyste |    |          |    |                         |           |              |        |          |  |
| 22            |          | 12     | :2       | 33                                          |          |                                                                  |                   |       | 511:2             | 11 |                   |    |          |    | 531:N                   | 2         |              |        |          |  |
| 23            | Z 116    |        |          |                                             | 522      | 33                                                               | 551:2             | 14    | :4                | 11 |                   |    |          |    |                         |           |              |        |          |  |
| 24            |          |        |          |                                             | 581      | 31                                                               | 512:1             | 11    | :6                | 11 | 531:U             | 11 |          |    |                         |           |              |        |          |  |
| 25            |          |        | 529      | 32                                          |          |                                                                  |                   |       | —                 |    | :N                | 11 |          |    | 578                     |           |              |        |          |  |
| 26            | 521:N    | 13     | 521:U    | 15                                          | 581      | 4                                                                |                   |       | dalej parzyste    |    | 551:1             | 12 |          |    |                         |           |              |        |          |  |
| 27            |          | 12     | :N       | 15                                          |          | 32                                                               | 551:1P            | 1     |                   |    |                   |    |          |    |                         |           |              |        |          |  |
| 28            | Z 115    |        |          |                                             |          |                                                                  | :1                | 1     |                   |    |                   |    |          |    |                         |           |              |        |          |  |
| 29            |          |        |          |                                             | 581      | 3                                                                | Z 163             |       | 511:t             | 12 | 531:U             | 14 |          |    |                         |           |              |        |          |  |
| 30            |          |        | 521:U    | 15                                          |          | 11                                                               |                   |       |                   | 9  | 511:1             | 15 |          |    |                         |           |              |        |          |  |
| 31            | 521:U    | 14     | :N       | 33                                          | :C       | (+)                                                              |                   |       | :t-1              | 16 | :3                | 15 |          |    |                         |           |              |        |          |  |
| 32            | :N       | 14     |          |                                             |          |                                                                  |                   |       |                   |    | :5                | 15 |          |    |                         |           |              |        |          |  |
| 33            | 529      | 35     |          |                                             | 581      | 12                                                               | 551:2P            | 1     | 511:1             | 36 | —                 |    |          |    |                         |           |              |        |          |  |
| 34            |          |        | 521:N    | 16                                          | :R2      | 1                                                                | :2                | 1     | 511:t             | 35 | bez przek. t.     |    |          |    |                         |           |              |        |          |  |
| 35            |          |        | :U       | 33                                          |          |                                                                  | Z 166             |       |                   |    |                   |    |          |    |                         |           |              |        |          |  |
| 36            | 561      | 27     |          |                                             | 531:U    | 15                                                               |                   |       | 511:t             | 14 |                   |    |          |    |                         |           |              |        |          |  |
| 37            | 529      | 36     |          |                                             |          | 1                                                                |                   |       | :t-1              | 1  | 551:2             | 36 |          |    |                         |           |              |        |          |  |
| 38            |          |        | 501:1    | 18                                          | Z 82     |                                                                  |                   |       |                   | 12 | :1                | 11 |          |    |                         |           |              |        |          |  |
| 39            |          |        | :2       | 18                                          |          |                                                                  |                   |       | :t-2              | 16 |                   |    |          |    |                         |           |              |        |          |  |
| 40            | 561      | 28     | —        |                                             | 531:N    | 15                                                               |                   |       |                   |    |                   |    |          |    |                         |           |              |        |          |  |
| 41            | Z 87     |        | :t       | 18                                          |          | 1                                                                |                   |       | —                 |    | 531:N             | 12 |          |    |                         |           |              |        |          |  |
| 42            |          |        | 581      | 34                                          | Z 81     |                                                                  |                   |       |                   |    | 511:2             | 13 |          |    |                         |           |              |        |          |  |
| 43            |          |        | 561      | 1                                           |          |                                                                  |                   |       | 511:4             | 14 | :4                | 13 |          |    |                         |           |              |        |          |  |
| 44            | 522      | 32     |          | 11                                          | 531:U    | 16                                                               |                   |       | :3                | 1  | :6                | 13 |          |    |                         |           |              |        |          |  |
| 45            | 529      | 16     |          |                                             | :N       | 16                                                               |                   |       |                   | 12 |                   |    |          |    |                         |           |              |        |          |  |
| 46            | Z 86     |        | 521:N    | 34                                          | :R1      | 1                                                                |                   |       | :2                | 16 | dalej parzyste    |    |          |    |                         |           |              |        |          |  |
| 47            |          |        | Z 84     |                                             |          |                                                                  |                   |       |                   |    |                   |    |          |    |                         |           |              |        |          |  |
| 48            | 522      | 12     |          |                                             | 531:C    | (+)                                                              |                   |       | 511:3             | 14 | 531:U             | 12 |          |    |                         |           |              |        |          |  |
| 49            |          | 31     | 521:U    | 34                                          | :R1      | 2                                                                |                   |       | :2                | 1  | 511:2             | 15 |          |    |                         |           |              |        |          |  |
| 50            | 529      | 15     | Z 83     |                                             |          |                                                                  |                   |       |                   | 12 | :4                | 15 |          |    |                         |           |              |        |          |  |
| 51            | 551:2    | 34     |          |                                             |          |                                                                  |                   |       | :1                | 16 | :6                | 15 |          |    |                         |           |              |        |          |  |
| 52            | Z 127    |        |          |                                             |          |                                                                  |                   |       |                   |    |                   |    |          |    |                         |           |              |        |          |  |
| 53            |          |        |          |                                             |          |                                                                  |                   |       |                   |    | bez przek. t.     |    |          |    |                         |           |              |        |          |  |

E1203-006



4/44/Ko

|      |             |        |         |                                                           |        |                                                                                                  |  |           |              |
|------|-------------|--------|---------|-----------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------|--|-----------|--------------|
| Znak | Zmiany      | Podpis | Data    | „Z R E M B”<br>ZAKŁADY URZĄDZEŃ<br>DŹWIGOWYCH<br>WARSZAWA |        | Tabela połączeń<br>sterowania zbiorczego w dół<br>„standard” $V=0,7\text{ m/s}$ i $1\text{ m/s}$ |  | E1203-006 |              |
| ①    | KZ Nr 82/77 | Kajk   | 21.1.77 | Oprac.                                                    | Foszer | Todtleben                                                                                        |  | Data      | Str. 4       |
|      |             |        |         | Spraw.                                                    | Kin    | Zatw.                                                                                            |  | 05.75.    | C. d. str. 5 |
|      |             |        |         |                                                           |        |                                                                                                  |  | Nr arch.  |              |

Tablica sterowa dla  $t \leq 12$  przystanków. Widok z przodu.

|       |       |        |        |       |       |       |                                                                                     |
|-------|-------|--------|--------|-------|-------|-------|-------------------------------------------------------------------------------------|
| —     | 561   | 551:2  | 502:12 | 502:8 | 511:8 | 501:8 | <div>576:D 522:D</div> <div>○ ○</div>                                               |
| 527:N | 531:U | 551:1  | 502:11 | 502:7 | 511:7 | 501:7 |                                                                                     |
| 522   | 531:N | 581    | 502:10 | 502:6 | 511:6 | 501:6 |                                                                                     |
| 521:U | —     | 578    | 502:9  | 502:5 | 511:5 | 501:5 |                                                                                     |
| 521:N | 529   | 511:12 | 501:12 | 502:4 | 511:4 | 501:4 | <div>511:D2</div> <div>○ ○</div> <div>511:D1</div> <div>581:R1</div> <div>491</div> |
| —     | —     | 511:11 | 501:11 | 502:3 | 511:3 | 501:3 |                                                                                     |
| 512:2 | —     | 511:10 | 501:10 | 502:2 | 511:2 | 501:2 |                                                                                     |
| 512:1 | 527:D | 511:9  | 501:9  | 502:1 | 511:1 | 501:1 |                                                                                     |

E1203-006



|      |              |        |         |                                            |        |                                                                                                   |          |           |              |
|------|--------------|--------|---------|--------------------------------------------|--------|---------------------------------------------------------------------------------------------------|----------|-----------|--------------|
| Znak | Zmiany       | Podpis | Data    | „Z R E M B”                                |        | Tabela połączeń<br>sterowania zbiorczego w dół ①<br>„standard $V=0,7\text{m/s}$ i $1\text{m/s}$ ” |          | E1203-006 |              |
| ①    | KZ Nr. 82/77 | Kaz    | 2.11.77 | ZAKŁADY URZĄDZEŃ<br>DZWIGOWYCH<br>WARSZAWA |        |                                                                                                   |          | Data      | Str. 5       |
|      |              |        |         | Oprac.                                     | Foszer | Fonel                                                                                             | 05.75.   |           | C. d. str. — |
|      |              |        |         | Spraw.                                     | Kin    | Tadleben                                                                                          | Nr arch. |           |              |

Tablica sterowa dla  $t \leq 12$  przystanków. Widok z tyłu.

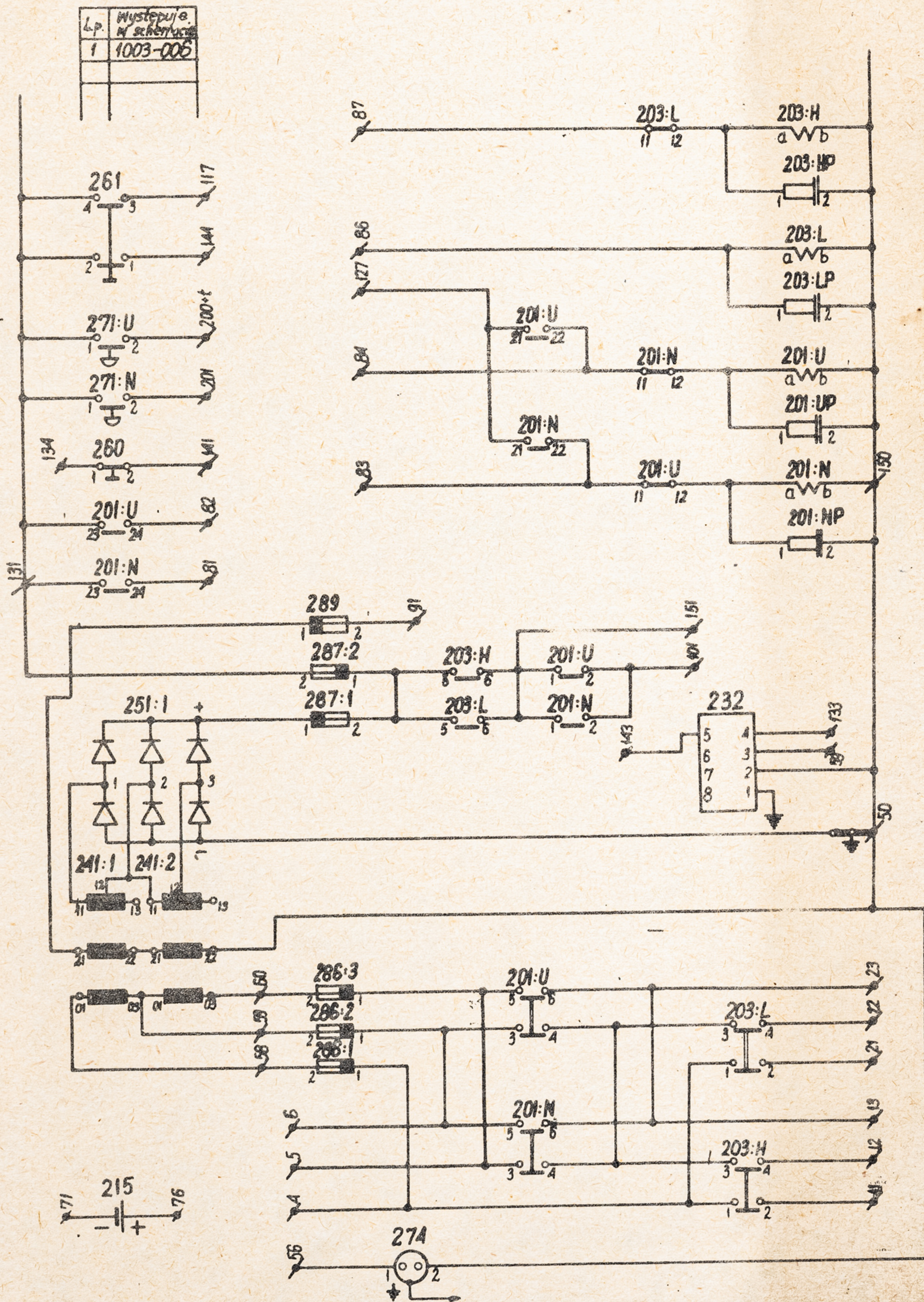
|   |                                                                     |  |     |                         |       |       |        |        |        |             |
|---|---------------------------------------------------------------------|--|-----|-------------------------|-------|-------|--------|--------|--------|-------------|
| ① | 522:D 576:D<br>○ ○                                                  |  |     | 501:8                   | 511:8 | 502:8 | 502:12 | 551:2  | 561    | —           |
|   |                                                                     |  |     | 501:7                   | 511:7 | 502:7 | 502:11 | 551:1  | 531:U  | 527:11      |
|   |                                                                     |  |     | 501:6                   | 511:6 | 502:6 | 502:10 | 581    | 531:N  | 522         |
|   |                                                                     |  |     | 501:5                   | 511:5 | 502:5 | 502:9  | 578    | —      | 521:U       |
|   | 511:D2<br>522:R1 522:R2 531:R 581:R2 ○ ○<br>511:D1<br>581:R1<br>491 |  | 497 | 581:C<br>531:C<br>522:C | 501:4 | 511:4 | 502:4  | 501:12 | 511:12 | 529 521:11  |
|   |                                                                     |  |     |                         | 501:3 | 511:3 | 502:3  | 501:11 | 511:11 | —           |
|   |                                                                     |  |     |                         | 501:2 | 511:2 | 502:2  | 501:10 | 511:10 | — 512:2     |
|   |                                                                     |  |     |                         | 501:1 | 511:1 | 502:1  | 501:9  | 511:9  | 527:D 512:1 |

E1203-006



800

|      |        |        |      |                                                        |        |                                                                                            |  |            |              |
|------|--------|--------|------|--------------------------------------------------------|--------|--------------------------------------------------------------------------------------------|--|------------|--------------|
| Znak | Zmiany | Podpis | Data | „ZREMB”<br>ZAKŁADY URZĄDZEŃ<br>DZWIIGOWYCH<br>WARSZAWA |        | Schemat ideowy<br>tablicy sterowej stycznikowej dźwigu<br>„standard” $V = 0,7 \text{ m/s}$ |  | E 1301-023 |              |
|      |        |        |      | Opra: Foszer                                           | Foszer |                                                                                            |  | Data       | Str. 1       |
|      |        |        |      | Spraw: Kin                                             | Kin    | Radleben                                                                                   |  | 05. 75r    | C. d. str. 2 |
|      |        |        |      |                                                        |        | Zatw.                                                                                      |  | Nr arch.   |              |



E 1301-023



| Znak      | Zmiany | Podpis                        | Data                        | „ZREMB”<br>ZAKŁADY URZĄDZEN<br>DZWIŹGOWYCH<br>WARSZAWA |        | SPECYFIKACJA APARATURY<br>tablicy sterowej stycznikowej<br>sterowania zbiorczego w dół<br>„standard” V=07 m/s |   | E 1301-023 |              |   |   |   |   |   |   |    |    |    |
|-----------|--------|-------------------------------|-----------------------------|--------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------------------|---|------------|--------------|---|---|---|---|---|---|----|----|----|
|           |        |                               |                             | Oprac.                                                 | Foszer |                                                                                                               |   | Data       | Str. 2       |   |   |   |   |   |   |    |    |    |
|           |        |                               |                             | Spraw.                                                 | Kin    |                                                                                                               |   | 05. 75     | C. d. str. 3 |   |   |   |   |   |   |    |    |    |
|           |        |                               |                             |                                                        |        |                                                                                                               |   | Nr arch.   |              |   |   |   |   |   |   |    |    |    |
| Nr        | Szt.   | N a z w a                     | Typ lub nr rysunku          | Fil                                                    | Cew.   | Cew.                                                                                                          | 1 | 2          | 3            | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 201:U     | 1      | Stycznik „Góra”               | K3-1T                       | 13                                                     | 1      |                                                                                                               | 1 | 1          | 1            | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  |
| 201:N     | 1      | Stycznik „Dół”                | K3-1T                       | 13                                                     | 1      |                                                                                                               | 1 | 1          | 1            | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  |
| 201:UP-NP | 2      | Układ przebiegowy             | 1MF 100Ω 2 0V               | 59                                                     |        |                                                                                                               | 1 |            |              |   |   |   |   |   |   |    |    |    |
| 203:H     | 1      | Stycznik „Szybko”             | K3-1T                       | 13                                                     | 1      |                                                                                                               | 1 | 1          | 1            | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  |
| 203:L     | 1      | Stycznik „Wolno”              | K3-1T                       | 13                                                     | 1      |                                                                                                               | 1 | 1          | 1            | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  |
| 203:NP-LP | 2      | Układ przebiegowy             | 1MF 100Ω 200V               | 59                                                     |        |                                                                                                               | 1 |            |              |   |   |   |   |   |   |    |    |    |
| 215       | 1      | Bateria                       | 4R20-5 6V                   | 58                                                     |        |                                                                                                               | 1 |            |              |   |   |   |   |   |   |    |    |    |
| 232       | 1      | Przekaznik temp. termistorowy | PTT3-1 Unitra               | —                                                      |        |                                                                                                               |   |            |              |   |   |   |   |   |   |    |    |    |
| 241:1-2   | 2      | Transformator sterowy         | K 3A21-001                  | 57                                                     |        |                                                                                                               | 1 | 1          | 1            |   |   |   |   |   |   |    |    |    |
| 251:1     | 1      | Prostownik                    | Sp5s 50-7                   | 65                                                     |        |                                                                                                               | 1 |            |              |   |   |   |   |   |   |    |    |    |
| 260       | 1      | Wyłącznik sterowania          | Pp-22                       | 28                                                     |        |                                                                                                               | 1 |            |              |   |   |   |   |   |   |    |    |    |
| 261       | 1      | Wyłącznik wezwan              | Pp-22                       | 28                                                     |        |                                                                                                               | 1 | 1          |              |   |   |   |   |   |   |    |    |    |
| 271:U-N   | 2      | Przycisk jazdy kontrolnej     | NI-1K „Elester”             | 21                                                     |        |                                                                                                               | 1 |            |              |   |   |   |   |   |   |    |    |    |
| 274       | 1      | Gniazdo wtykowe               | Nf-181                      | 29                                                     |        |                                                                                                               | 1 |            |              |   |   |   |   |   |   |    |    |    |
| 286:1-3   | 3      | Bezpieczniki transformatora   | Nr 475, 502, 2175 k 187 6A  | 53                                                     |        |                                                                                                               | 1 |            |              |   |   |   |   |   |   |    |    |    |
| 287:1     | 1      | Bezpiecznik sterowy           | Nr 475, 502, 2175 k 187 10A | 53                                                     |        |                                                                                                               | 1 |            |              |   |   |   |   |   |   |    |    |    |
| 287:2     | 1      | Bezpiecznik sterowy           | Nr 475, 502, 2175 k 187 6A  | 53                                                     |        |                                                                                                               | 1 |            |              |   |   |   |   |   |   |    |    |    |
| 289       | 1      | Bezpiecznik sygnalizacji      | —                           | 53                                                     |        |                                                                                                               | 1 |            |              |   |   |   |   |   |   |    |    |    |

E 1301-023



| Znak                                                                                 |            |                                     |                             | Zmiany |      |      |   | Podpis |   |   |   | Data |   |   |   | „ZREMB”<br>ZAKŁADY URZĄDZEN<br>DŹWIĘGOWYCH<br>WARSZAWA |    |              |  | SPECYFIKACJA APARATURY |  |  |  |  |  |  |  |  |  |  |  | E 1301-023 |  |
|--------------------------------------------------------------------------------------|------------|-------------------------------------|-----------------------------|--------|------|------|---|--------|---|---|---|------|---|---|---|--------------------------------------------------------|----|--------------|--|------------------------|--|--|--|--|--|--|--|--|--|--|--|------------|--|
| Zestawienie wyposażenia<br>tablicy sterowej stycznikowej<br>dźwigi standard V=0.7m/s |            |                                     |                             |        |      |      |   |        |   |   |   |      |   |   |   | Data                                                   |    | Str. 3       |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
|                                                                                      |            |                                     |                             |        |      |      |   |        |   |   |   |      |   |   |   | 05. 75                                                 |    | C. d. str. — |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| Oprac. Foszer                                                                        |            |                                     |                             |        |      |      |   |        |   |   |   |      |   |   |   | Zatw. Todleben                                         |    | Nr arch.     |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| Spraw. Kin                                                                           |            |                                     |                             |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| Nr                                                                                   | Szt.       | Nazwa                               | Typ lub nr rysunku          | Fig.   | Cew. | Cew. | 1 | 2      | 3 | 4 | 5 | 6    | 7 | 8 | 9 | 10                                                     | 11 | 12           |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 1                                                                                    | 1          | Tablica stycznikowa                 | K1504-001                   |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 2                                                                                    | 4          | Stycznik                            | K3-1T                       |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 3                                                                                    | 4          | Układ przepięciowy                  | 1μF 100Ω 250V               |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 4                                                                                    | 2          | Transformator                       | K3421-001                   |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 5                                                                                    | 1          | Prostownik                          | SPs-50-7                    |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 6                                                                                    | 1          | Przek. temp. termistorowy           | PTT3-1                      |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 7                                                                                    | 5          | Wkładka topikowa                    | Bi-Wts6 Nr 2174             |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 8                                                                                    | 1          | Wkładka topikowa                    | Bi-Wts10 Nr 2175            |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 9                                                                                    | 6          | Główka                              | Bi-G-925 Nr 582             |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 10                                                                                   | 5          | Wstawka dolna                       | Bi-Wd6 Nr 571/6             |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 11                                                                                   | 1          | —                                   | Bi-Wd10 Nr 571/10           |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 12                                                                                   | 6          | Gniazdo bezpiecznikowe              | Bi-Gk-25 Nr 476             |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 13                                                                                   | 2          | Przetłacznik błyskawiczny           | Pp 22                       |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 14                                                                                   | 1          | Gniazdo wtykowe                     | Nf-161-10A                  |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 15                                                                                   | 2          | Przycisk                            | NI-1K                       |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 16                                                                                   | mg TT      | Przewód                             | LYg 750-1,5 mm <sup>2</sup> |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 17                                                                                   | mg TT      | —                                   | LYg 750-6 mm <sup>2</sup>   |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 18                                                                                   | 1          | Płyta czołowa                       | K5050-023                   |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 19                                                                                   | 2x1m       | Korytka kablowe                     | K5050-033                   |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 20                                                                                   | 4          | Wspornik                            | K5050-010                   |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 21                                                                                   | 1          | Kształtownik                        | K5050-008                   |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 22                                                                                   | 1          | —                                   | K5050-009                   |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 23                                                                                   | 22         | Zaciski „Russe” 2,5 mm <sup>2</sup> | lub ZM-2 10 mm <sup>2</sup> |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 24                                                                                   | 47         | — 10 mm <sup>2</sup>                | —                           |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 25                                                                                   | 9          | — 16 mm <sup>2</sup>                | —                           |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| Uwaga dopuszcza się stosowanie zamiast zacisków typu „Russe” lub ZM-2                |            |                                     |                             |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 26                                                                                   | 13         | Listwa zaciskowa                    | LZ10                        |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 27                                                                                   | 2          | Kątownik                            |                             |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 28                                                                                   | E-1203-008 | Numeracja zacisków                  | K5050-0100                  |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 29                                                                                   | E-1203-008 | Numeracja przewodów                 | K5050-088                   |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 30                                                                                   | E-1203-008 | Numeracja aparatów                  | K5050-046                   |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 31                                                                                   | 2          | Przepust gumowy                     | handl.                      |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 32                                                                                   | 22         | Wkręt M3 x 22                       | PN-60/M-82230               |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 33                                                                                   | 8          | — M3 x 30                           | —                           |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 34                                                                                   | 20         | — M4 x 8                            | —                           |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 35                                                                                   | 1          | — M5 x 8                            | —                           |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 36                                                                                   | 12         | — M5 x 12                           | —                           |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 37                                                                                   | 8          | — M5 x 20                           | —                           |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 38                                                                                   | 4          | — M6 x 8                            | —                           |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 39                                                                                   | 26         | Nakrętka M3                         | PN-58/M-82114               |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 40                                                                                   | 12         | — M5                                | —                           |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 41                                                                                   | 8          | Podkładka 4,3                       | PN-62/M-82007               |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 42                                                                                   | 12         | Podkładka 5,5                       | —                           |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 43                                                                                   | 1          | Podkładka miedziana 5,3             | PN-69/M-93606               |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 44                                                                                   | 8          | Podkładka sprężysta 4,1             | PN-59/M-82008               |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |
| 45                                                                                   | 8          | — 5,1                               | —                           |        |      |      |   |        |   |   |   |      |   |   |   |                                                        |    |              |  |                        |  |  |  |  |  |  |  |  |  |  |  |            |  |

E1301-023



| Znak | Zmiany | Podpis | Data | „ZREMB”<br>ZAKŁADY URZĄDZEŃ<br>DZWIŹGOWYCH<br>WARSZAWA |          | Zestawienie zacisków<br>tablicy sterowej stycznikowej<br>dźwigu „standard” v=0,7m/s |  |  |  | E1401-023 |              |
|------|--------|--------|------|--------------------------------------------------------|----------|-------------------------------------------------------------------------------------|--|--|--|-----------|--------------|
|      |        |        |      | Oprac.                                                 | Fosiński |                                                                                     |  |  |  | Data      | Str. 1       |
|      |        |        |      | Spraw.                                                 | Kin      |                                                                                     |  |  |  | 05.75     | C. 4. str. 2 |
|      |        |        |      |                                                        |          | Zatwierdzenie                                                                       |  |  |  | Nr arch.  |              |

| L<br>P. | Zacisk | Przewód | Aparat<br>lub<br>zacisk |    | Zacisk | Przewód | Aparat<br>lub<br>zacisk |        | Zacisk | Przewód | Aparat<br>lub<br>zacisk |     | Zacisk | Przewód | Aparat<br>lub<br>zacisk |       |       |   |  |  |
|---------|--------|---------|-------------------------|----|--------|---------|-------------------------|--------|--------|---------|-------------------------|-----|--------|---------|-------------------------|-------|-------|---|--|--|
| 1       | 00     | 00-50   | Z50                     |    | 80     | 00-00   | Z00                     |        | 134    | 134     | 260                     | 1   | 201    | 201     | 271:N                   | 2     |       |   |  |  |
| 2       |        | 00-80   | Z80                     |    |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 3       |        | 00-100  | Z100                    |    |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 4       |        | 00-150  | Z150                    |    |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 5       | 4      | 00      | 251:1                   | 1  | 81     | 81      | 201:N                   | 24     | 137    |         |                         |     | 202    |         |                         |       |       |   |  |  |
| 6       |        | 00      | 20                      | 06 |        | 82      | 82                      | 201:U  |        | 24      |                         |     |        |         | 203                     |       |       |   |  |  |
| 7       |        | 00      | 232                     | 1  |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 8       |        | 4       | 203:H                   | 1  |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 9       | 5      | 5       | 201:U                   | 5  | 83     |         | 83                      | 201:U  | 11     | 139     |                         |     |        | 200+t   |                         | 200+t | 271:U | 2 |  |  |
| 10      |        |         |                         |    |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 11      |        | 8       | 201:U                   | 3  |        | 84      | 84                      | 201:U  | 22     |         | 141                     | 141 | 260    |         | 2                       |       |       |   |  |  |
| 12      |        |         |                         |    |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 13      | 11     | 11      | 203:H                   | 2  | 86     |         | 86                      | 203:L  | 1      | 143     |                         |     |        |         | 301                     |       |       |   |  |  |
| 14      |        |         |                         |    |        |         | 87                      | 87     | 203:L  |         |                         | 11  | 145    | 143     |                         | 232   | 5     |   |  |  |
| 15      |        | 12      | 203:H                   | 4  |        | 91      |                         | 91     | 289    |         | 2                       |     |        |         |                         |       | 302   |   |  |  |
| 16      |        |         |                         |    |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 17      | 13     | 13      | 201:N                   | 8  | 100    |         |                         | 100-00 | Z00    | 146     |                         |     |        |         | 303                     |       |       |   |  |  |
| 18      |        |         |                         |    |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 19      |        | 21      | 203:L                   | 2  |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 20      |        |         |                         |    |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 21      | 22     | 22      | 203:L                   | 4  | 101    | 101     | 201:U                   | 2      | 150    | 150     | 201:U                   | 6   | 300+t  |         |                         |       |       |   |  |  |
| 22      |        |         |                         |    |        |         |                         |        |        |         | 151                     | 150 |        | Z00     |                         |       |       |   |  |  |
| 23      |        | 29      | 201:U                   | 6  |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 24      |        |         |                         |    |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 25      | 50     | 50-00   | Z00                     |    | 112    |         |                         |        | 151    |         |                         |     |        | 163     |                         |       |       |   |  |  |
| 26      |        | 50      | 274                     | 2  |        | 113     |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 27      |        |         |                         |    |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 28      |        |         |                         |    |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 29      | 51     |         |                         |    | 115    |         |                         |        |        | 155     |                         |     |        | 166     |                         |       |       |   |  |  |
| 30      |        |         |                         |    |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 31      |        |         |                         |    |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 32      |        |         |                         |    |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 33      | 53     |         |                         |    | 117    | 117     | 261                     | 3      | 144    |         |                         |     | 163    |         |                         |       |       |   |  |  |
| 34      |        |         |                         |    |        | 127     | 127                     | 201:U  |        | 21      |                         |     |        |         |                         |       |       |   |  |  |
| 35      |        | 56      | 274                     | 1  |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 36      |        |         |                         |    |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 37      | 57     |         |                         |    | 131    |         | 131                     | 201:U  | 23     | 163     |                         |     |        | 166     |                         |       |       |   |  |  |
| 38      |        |         |                         |    |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 39      |        | 58      | 241:1                   | 01 |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 40      |        | 58      | 286:1                   | 2  |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 41      | 59     | 59      | 241:2                   | 01 | 131    | 131     | 271:U                   | 1      | 163    |         |                         |     | 166    |         |                         |       |       |   |  |  |
| 42      |        | 59      | 241:2                   | 2  |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 43      |        | 59      | 241:2                   | 3  |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 44      |        | 60      | 241:2                   | 03 |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 45      | 60     | 60      | 286:3                   | 2  | 132    |         |                         |        | 166    |         |                         |     | 166    |         |                         |       |       |   |  |  |
| 46      |        | 71      | 215                     | 1+ |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 47      |        |         |                         |    |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 48      |        | 76      | 215                     | 1+ |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 49      | 77     |         |                         |    | 133    | 133     | 282                     | 4      | 166    |         |                         |     | 166    |         |                         |       |       |   |  |  |
| 50      |        |         |                         |    |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 51      |        |         |                         |    |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 52      |        |         |                         |    |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |
| 53      |        |         |                         |    |        |         |                         |        |        |         |                         |     |        |         |                         |       |       |   |  |  |

E1401-023

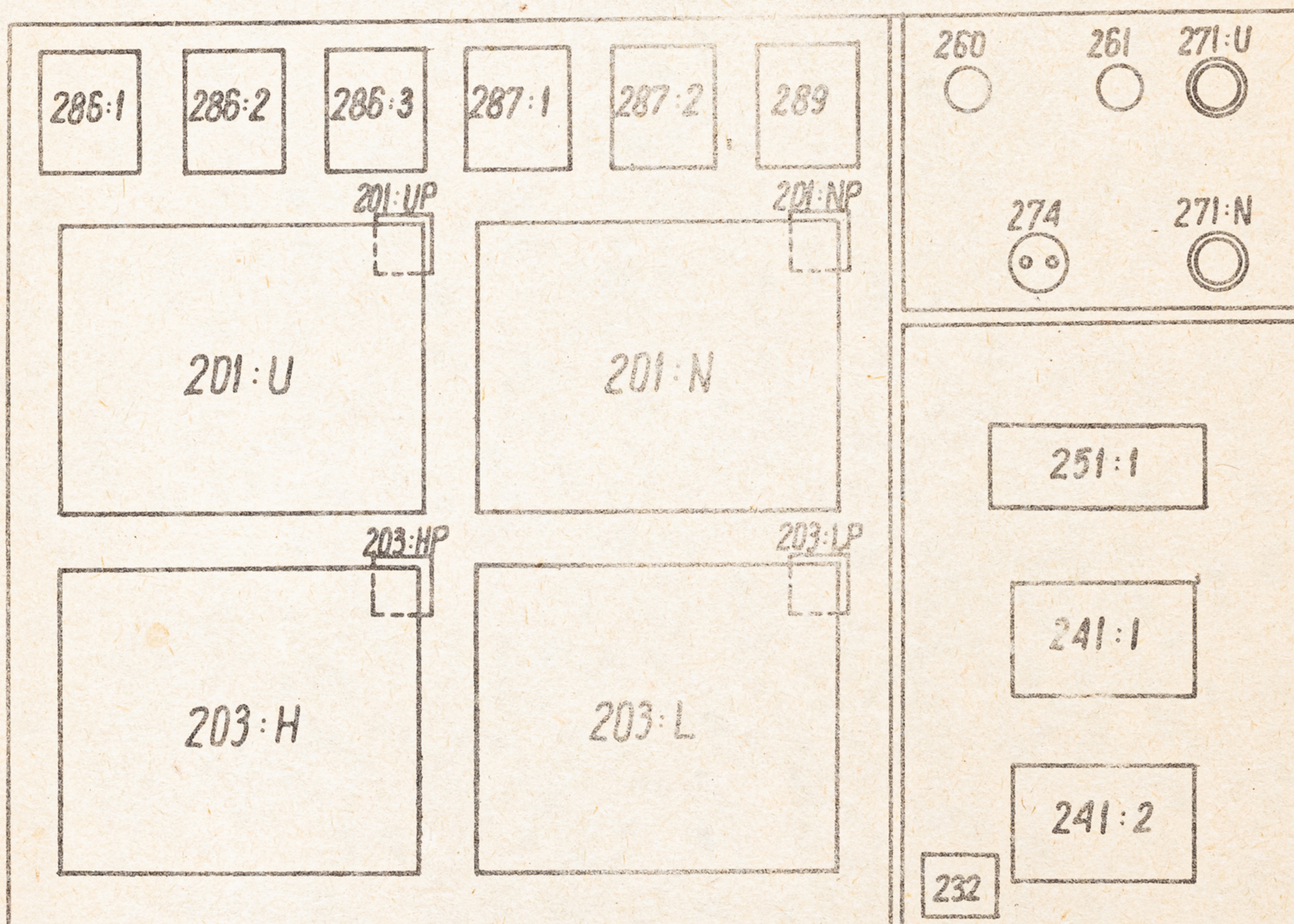


| Znak | Zmiany     | Podpis    | Data      | „ZREMB”<br>ZAKŁADY URZĄDZEN<br>DZWIĞOWYCH<br>WARSZAWA |           | TABELA POŁĄCZEN                                             |          | E1401-023 |              |
|------|------------|-----------|-----------|-------------------------------------------------------|-----------|-------------------------------------------------------------|----------|-----------|--------------|
|      |            |           |           | Oprac.                                                | Foszer    | tablicy sterowej stycznikowej dźwigu<br>„standard” V=0,7m/s |          | Data      | Str. 2       |
|      |            |           |           | Spraw.                                                | Kin       | Tadtleben                                                   |          | 05. 75.   | C. d. str. 3 |
|      |            |           |           |                                                       |           |                                                             |          | Nr. arch. |              |
| L.p. | Strona I   | Strona I  | Strona I  | Strona I                                              | Strona I  | Strona I                                                    | Strona I |           |              |
| 1    | 274 (+)    | 201: U 4  |           |                                                       |           |                                                             |          |           |              |
| 2    | Z00        | 201: N 4  | Z84       | Z134                                                  | 201: U a  | 251: 1 (+)                                                  |          |           |              |
| 3    | 251: 1 (-) | 203: L 3  | 201: U 22 | 260 1                                                 | 201: UP 1 | 287: 1 1                                                    |          |           |              |
| 4    | 232 1      | 203: H 3  | 201: N 11 |                                                       | 201: N 11 |                                                             |          |           |              |
| 5    |            |           |           | Z141                                                  |           |                                                             |          |           |              |
| 6    |            |           |           | 260 2                                                 |           |                                                             |          |           |              |
| 7    | Z4         | Z50       |           |                                                       |           | Z133                                                        |          |           |              |
| 8    | 203: H 1   | 274 2     | Z86       |                                                       | 201: U 12 | 232 4                                                       |          |           |              |
| 9    | 203: L 1   | 241: 2 22 | 203: L a  | Z144                                                  | 201: N a  |                                                             |          |           |              |
| 10   | 286: 1 1   |           | 203: LP 1 | 261 1                                                 | 201: NP 1 |                                                             |          |           |              |
| 11   |            |           |           |                                                       |           |                                                             |          |           |              |
| 12   |            |           |           |                                                       |           | Z143                                                        |          |           |              |
| 13   |            | Z56       |           |                                                       |           | 232 5                                                       |          |           |              |
| 14   | Z5         | 274 1     | Z87       | Z150                                                  | 203: H a  |                                                             |          |           |              |
| 15   | 201: U 5   |           | 203: L 11 | 201: U b                                              | 203: HP 1 |                                                             |          |           |              |
| 16   | 201: N 3   |           |           | 201: UP 2                                             | 203: L 12 |                                                             |          |           |              |
| 17   | 286: 3 1   |           |           | 201: N b                                              |           |                                                             |          |           |              |
| 18   |            | 241: 1 01 |           | 201: NP 2                                             |           |                                                             |          |           |              |
| 19   |            | Z58       | Z91       | 203: H b                                              |           |                                                             |          |           |              |
| 20   |            | 286: 1 2  | 289 2     | 203: HP 2                                             | 203: H 5  |                                                             |          |           |              |
| 21   | Z6         |           |           | 203: L b                                              | 203: L 5  |                                                             |          |           |              |
| 22   | 201: U 3   |           |           | 203: LP 2                                             | 287: 1 2  |                                                             |          |           |              |
| 23   | 201: N 5   | 241: 1 03 |           | 232 2                                                 | 287: 2 1  |                                                             |          |           |              |
| 24   | 286: 2 1   | 241: 2 01 | Z101      |                                                       |           |                                                             |          |           |              |
| 25   |            | 232 3     | 201: U 2  | Z151                                                  |           |                                                             |          |           |              |
| 26   |            | Z59       | 201: N 2  | 201: U 1                                              |           |                                                             |          |           |              |
| 27   |            | 286: 2 2  |           | 201: N 1                                              | 241: 1 11 |                                                             |          |           |              |
| 28   | Z11        |           |           | 203: H 6                                              | 251: 1 1  |                                                             |          |           |              |
| 29   | 203: H 2   |           |           | 203: L 6                                              |           |                                                             |          |           |              |
| 30   |            |           | Z117      |                                                       |           |                                                             |          |           |              |
| 31   |            | 241: 2 03 | 261 3     |                                                       |           |                                                             |          |           |              |
| 32   |            | Z80       |           |                                                       | 241: 1 12 |                                                             |          |           |              |
| 33   | Z12        | 286: 3 2  |           | Z76                                                   | 241: 2 11 |                                                             |          |           |              |
| 34   | 203: H 4   |           |           | 215 (+)                                               | 251: 1 2  |                                                             |          |           |              |
| 35   |            |           | Z127      |                                                       |           |                                                             |          |           |              |
| 36   |            |           | 201: U 21 |                                                       |           |                                                             |          |           |              |
| 37   |            | Z81       | 201: N 21 |                                                       |           |                                                             |          |           |              |
| 38   | Z13        | 201: N 24 |           | Z71                                                   | 241: 2 12 |                                                             |          |           |              |
| 39   | 201: N 6   |           |           | 215 (-)                                               | 251: 1 3  |                                                             |          |           |              |
| 40   | 201: U 6   |           | Z131      |                                                       |           |                                                             |          |           |              |
| 41   | Z23        |           | 201: U 23 |                                                       |           |                                                             |          |           |              |
| 42   |            | Z82       | 201: N 23 |                                                       |           |                                                             |          |           |              |
| 43   | Z21        | 201: U 24 | 287: 2 2  | Z201                                                  | 241: 1 21 |                                                             |          |           |              |
| 44   | 203: L 2   |           |           | 271: N 2                                              | 289 1     |                                                             |          |           |              |
| 45   |            |           |           |                                                       |           |                                                             |          |           |              |
| 46   |            |           |           |                                                       |           |                                                             |          |           |              |
| 47   |            | Z83       | 271: N 1  |                                                       | 241: 1 22 |                                                             |          |           |              |
| 48   | Z22        | 201: U 11 | 271: U 1  | Z200+t                                                | 241: 2 21 |                                                             |          |           |              |
| 49   | 203: L 4   | 201: N 22 | 261 2     | 271: U 2                                              |           |                                                             |          |           |              |
| 50   |            |           | A         |                                                       |           |                                                             |          |           |              |
| 51   |            |           |           |                                                       |           |                                                             |          |           |              |
| 52   |            |           |           |                                                       |           |                                                             |          |           |              |
| 53   |            |           |           |                                                       |           |                                                             |          |           |              |

E1401-023



|        |        |        |      |                                            |       |                                                                                          |          |            |        |
|--------|--------|--------|------|--------------------------------------------|-------|------------------------------------------------------------------------------------------|----------|------------|--------|
| Znak   | Zmiany | Podpis | Data | „ZREMB”                                    |       | Tabela połączeń<br>tablicy steronej stycznikowej<br>dźwigu „standard” $V=0,7\text{ m/s}$ |          | E 1401-023 |        |
|        |        |        |      | ZAKŁADY URZĄDZEŃ<br>DEWIGOWYCH<br>WARSZAWA |       |                                                                                          |          | Data       | Str. 3 |
|        |        |        |      | Oprac.                                     | Foson | Foson                                                                                    | 05. 75r. | C. d. str. |        |
| Spraw. | Kin    | St     |      | Zatw.                                      |       |                                                                                          | Nr arch. |            |        |

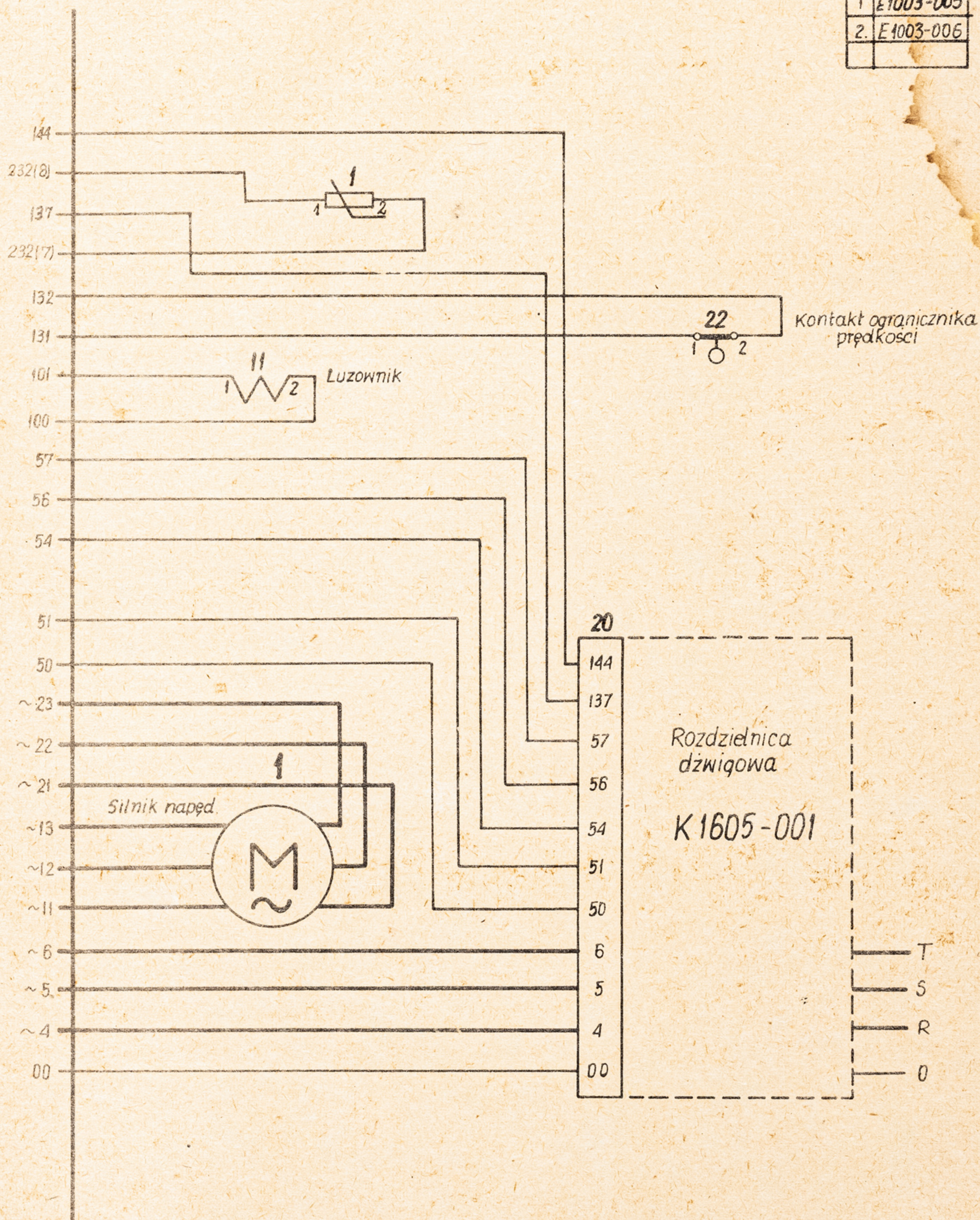


E 1401-023



|      |        |        |      |                                                        |                                                                               |  |                |        |
|------|--------|--------|------|--------------------------------------------------------|-------------------------------------------------------------------------------|--|----------------|--------|
| Znak | Zmiany | Podpis | Data | „ZREMB”<br>ZAKŁADY URZĄDZEŃ<br>DZWIIGOWYCH<br>WARSZAWA | Schemat montażowy<br>instalacji w maszynowni<br>„standard” $V=0,7\text{ m/s}$ |  | E1601-011      |        |
|      |        |        |      | Opra. Foszer                                           |                                                                               |  | Data 05. 75    | Str. I |
|      |        |        |      | Spraw. Kin                                             |                                                                               |  | Nr arch. 18178 |        |

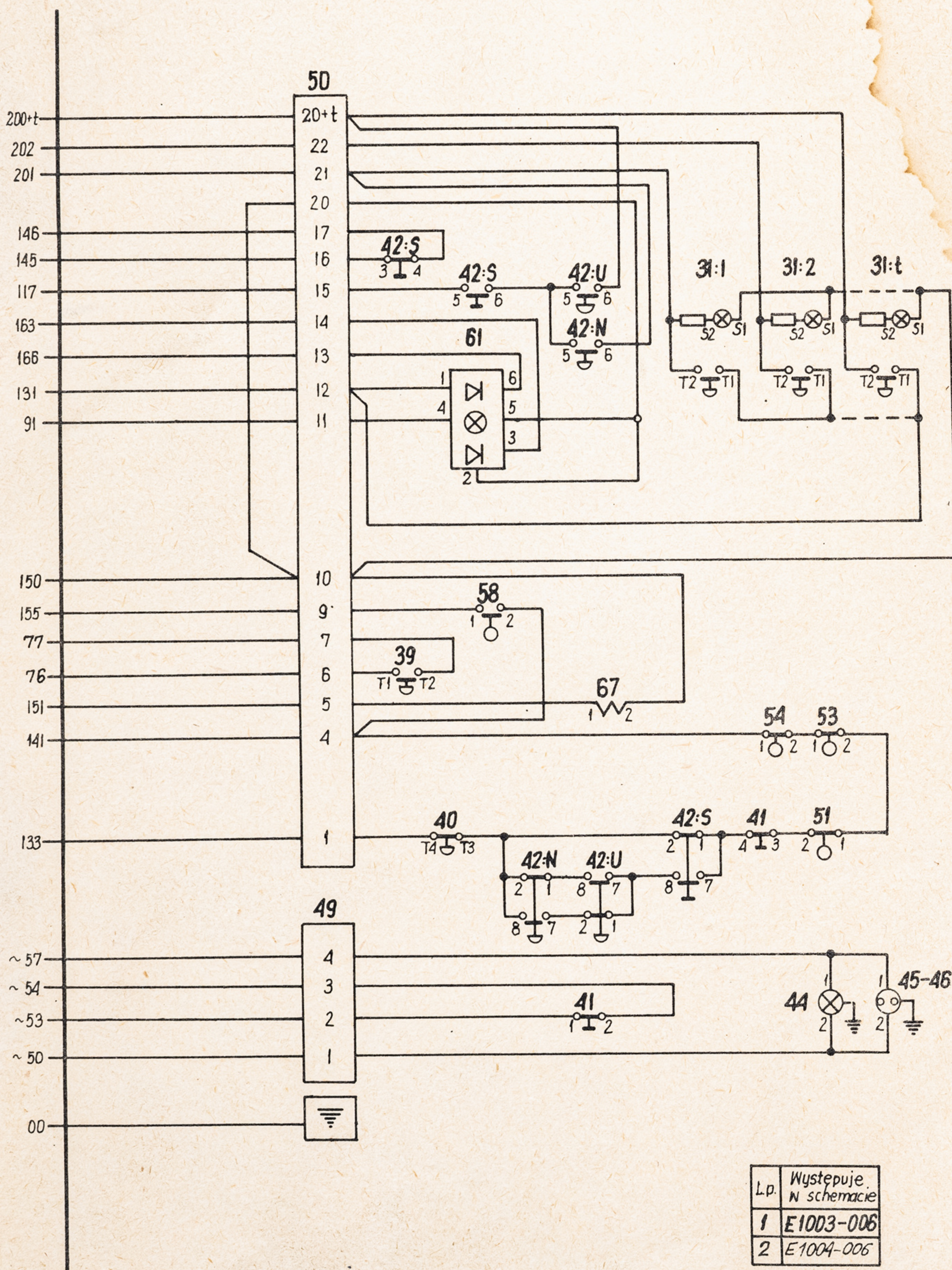
| Lp. | Występuje<br>w schemacie |
|-----|--------------------------|
| 1   | E1003-005                |
| 2   | E1003-006                |



E1601-011



|      |        |        |      |                                                           |        |                                                                                                         |  |              |              |
|------|--------|--------|------|-----------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------------|--|--------------|--------------|
| Znak | Zmiany | Podpis | Data | „Z R E M B”<br>ZAKŁADY URZĄDZEŃ<br>DZWIGOWYCH<br>WARSZAWA |        | Schemat montażowy<br>instalacji na kabinie<br>z kaseta jazd kontrolnych<br>„standard” $V=0.7\text{m/s}$ |  | E 1602 - 033 |              |
|      |        |        |      | Oprac.                                                    | Foszer |                                                                                                         |  | Data         | Str. 1       |
|      |        |        |      | Spraw.                                                    | Kin    |                                                                                                         |  | 05. 75.      | C. d. str. - |
|      |        |        |      |                                                           |        | Todtleben                                                                                               |  | Nr arch.     | 18192        |



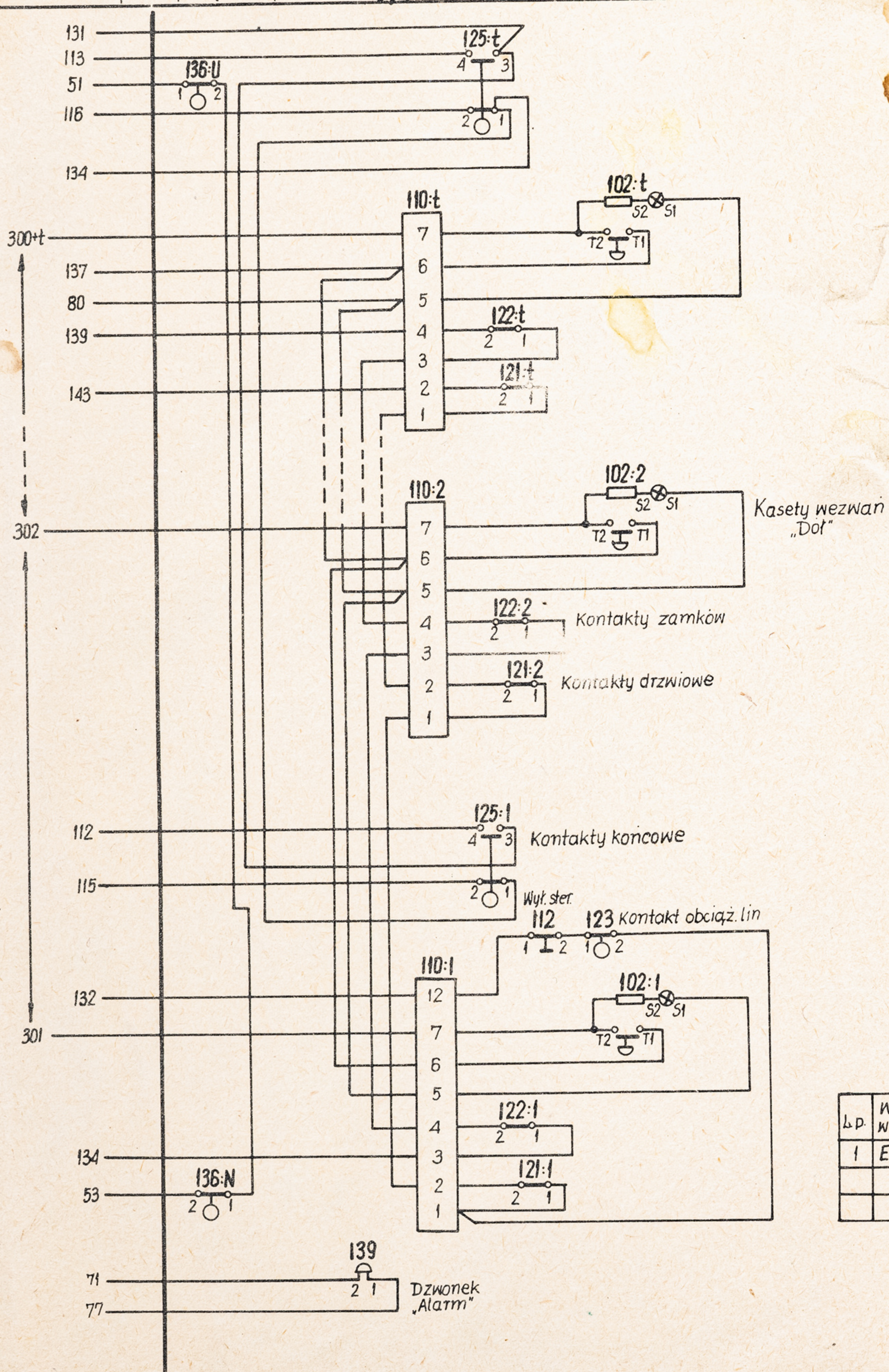
| Lp. | Występuje<br>w schemacie |
|-----|--------------------------|
| 1   | E1003-006                |
| 2   | E1004-006                |

E1602 - 033



800

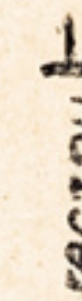
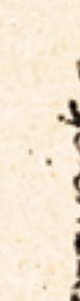
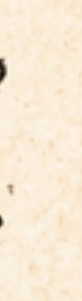
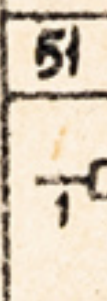
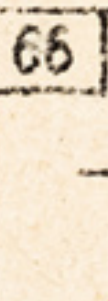
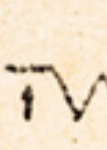
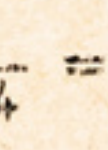
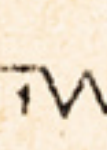
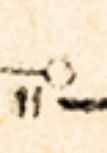
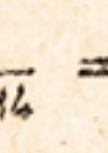
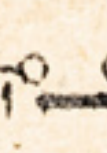
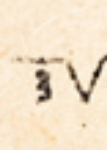
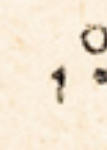
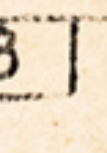
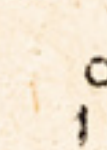
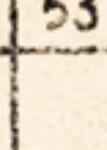
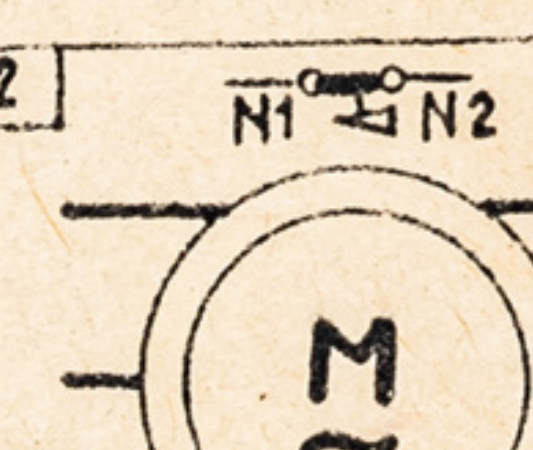
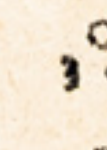
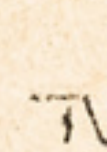
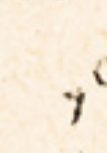
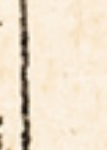
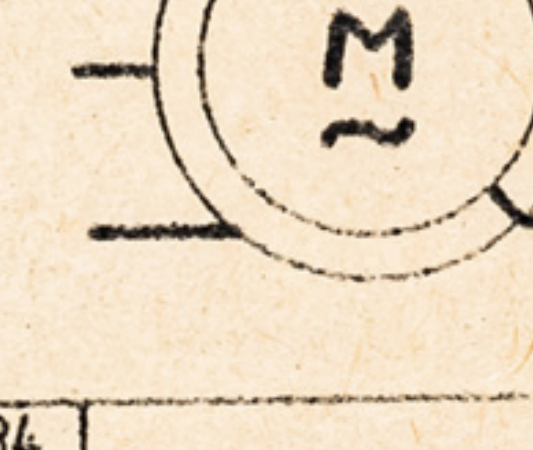
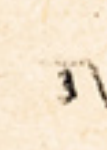
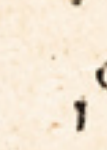
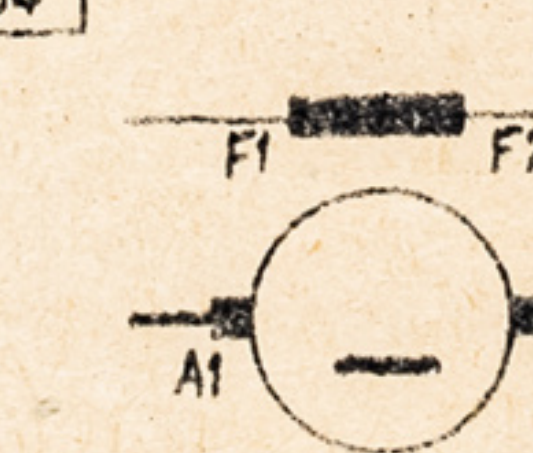
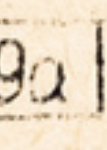
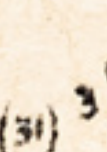
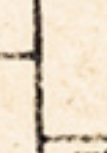
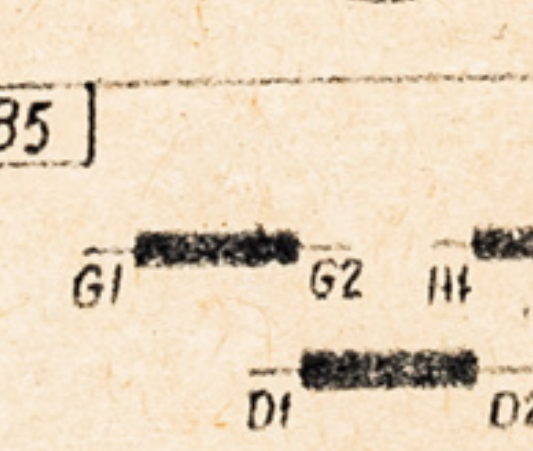
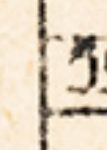
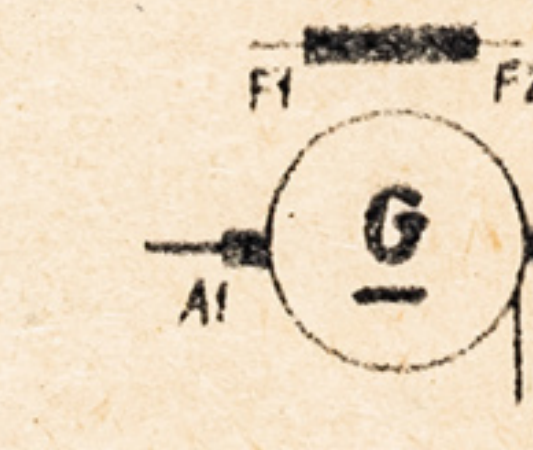
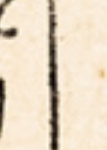
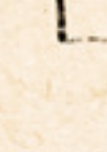
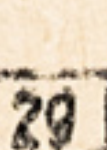
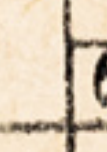
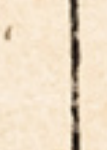
| Znak | Zmiany | Podpis | Data | „ZREMB”<br>ZAKŁADY URZĄDZEŃ<br>DŹWIGOWYCH<br>WARSZAWA |        | Schemat montażowy<br>instalacji w szybie<br>„standard” $V=0.7\text{ m/s}$ |  | E1603-042     |              |
|------|--------|--------|------|-------------------------------------------------------|--------|---------------------------------------------------------------------------|--|---------------|--------------|
|      |        |        |      | Oprac.                                                | Foszer |                                                                           |  | Data          | Str. 1       |
|      |        |        |      | Spraw.                                                | Kin    |                                                                           |  | 05.75.        | C. d. str. - |
|      |        |        |      |                                                       |        | Teufelberg                                                                |  | № arch. 18208 |              |



| Lp. | Występuje<br>w schemacie |
|-----|--------------------------|
| 1   | E1003-006                |
|     |                          |
|     |                          |

E1603-042



| Znak                                                                                                                                                                                                                                                              |  | Zmiany                                                                                                                                                                                                                                                                                                                                                                            | Podpis | Data                                                                                                                                                                             | Oznaczenia aparatów elektrycznych    |                                                                                          | E1701-001  |        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------|------------|--------|
| Dorysowano fig. 31169                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                   |        | 5.03.65                                                                                                                                                                          | ZAKŁADY URZĄDZEŃ DZWIGOWYCH WARSZAWA |                                                                                          | Data:      | Str. 1 |
| Oprac. Trzopaczynski                                                                                                                                                                                                                                              |  | Redp.                                                                                                                                                                                                                                                                                                                                                                             |        |                                                                                                                                                                                  | Spraw. Todtleben                     |                                                                                          | cd.str.    | —      |
|                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                   |        |                                                                                                                                                                                  | Zatw. Zolna                          |                                                                                          | Nr. arch.: | 13904  |
| 1-20                                                                                                                                                                                                                                                              |  | 21-50                                                                                                                                                                                                                                                                                                                                                                             |        | 51-80                                                                                                                                                                            |                                      | 81-100                                                                                   |            |        |
| Przekazniki i słyczniki                                                                                                                                                                                                                                           |  | Łączniki symbole kontaktów                                                                                                                                                                                                                                                                                                                                                        |        | Oporniki magnesy itd.                                                                                                                                                            |                                      | Silniki i generatory                                                                     |            |        |
| Przekaznik widok z przodu                                                                                                                                                                                                                                         |  |  mech.<br> ręczny<br> przycisk<br> termiczny |        |  51<br> 66 |                                      | M- Silnik<br>G- Generator                                                                |            |        |
| Potaczenia cerek                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                                                                                                                                                   |        |                                                                                                                                                                                  |                                      |                                                                                          |            |        |
|  1<br> 2<br> 3 |  |                                                                                                                                                                                                                                                                                                                                                                                   |        |                                                                                                                                                                                  |                                      |                                                                                          |            |        |
| Przykład połączeń styków                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                   |        |                                                                                                                                                                                  |                                      |                                                                                          |            |        |
|  1<br> 2<br> 3 |  |                                                                                                                                                                                                                                                                                                                                                                                   |        |                                                                                                                                                                                  |                                      |                                                                                          |            |        |
| 2                                                                                                                                                                                                                                                                 |  | 21                                                                                                                                                                                                                                                                                                                                                                                |        | 52                                                                                                                                                                               |                                      | 81                                                                                       |            |        |
|  2                                                                                                                                                                              |  |  21                                                                                                                                                                                                                                                                                              |        |  52                                                                                           |                                      |  81   |            |        |
| 3                                                                                                                                                                                                                                                                 |  | 22                                                                                                                                                                                                                                                                                                                                                                                |        | 53                                                                                                                                                                               |                                      | 82                                                                                       |            |        |
|  3                                                                                                                                                                             |  |  22                                                                                                                                                                                                                                                                                              |        |  53                                                                                           |                                      |  82  |            |        |
| 5                                                                                                                                                                                                                                                                 |  | 23                                                                                                                                                                                                                                                                                                                                                                                |        | 54                                                                                                                                                                               |                                      | 83                                                                                       |            |        |
|  5                                                                                                                                                                             |  |  23                                                                                                                                                                                                                                                                                             |        |  54                                                                                          |                                      |  83 |            |        |
| 6                                                                                                                                                                                                                                                                 |  | 24                                                                                                                                                                                                                                                                                                                                                                                |        | 55                                                                                                                                                                               |                                      | 84                                                                                       |            |        |
|  6                                                                                                                                                                             |  |  24                                                                                                                                                                                                                                                                                            |        |  55                                                                                         |                                      |  84 |            |        |
| 9a                                                                                                                                                                                                                                                                |  | 25                                                                                                                                                                                                                                                                                                                                                                                |        | 56                                                                                                                                                                               |                                      | 85                                                                                       |            |        |
|  9a                                                                                                                                                                            |  |  25                                                                                                                                                                                                                                                                                            |        |  56                                                                                         |                                      |  85 |            |        |
| 9b                                                                                                                                                                                                                                                                |  | 26a                                                                                                                                                                                                                                                                                                                                                                               |        | 57                                                                                                                                                                               |                                      | 86                                                                                       |            |        |
|  9b                                                                                                                                                                            |  |  26a                                                                                                                                                                                                                                                                                           |        |  57                                                                                         |                                      |  86 |            |        |
| 10a                                                                                                                                                                                                                                                               |  | 26b                                                                                                                                                                                                                                                                                                                                                                               |        | 58                                                                                                                                                                               |                                      | 87                                                                                       |            |        |
|  10a                                                                                                                                                                           |  |  26b                                                                                                                                                                                                                                                                                           |        |  58                                                                                         |                                      |  87 |            |        |
| 10b                                                                                                                                                                                                                                                               |  | 27                                                                                                                                                                                                                                                                                                                                                                                |        | 59                                                                                                                                                                               |                                      |                                                                                          |            |        |
|  10b                                                                                                                                                                           |  |  27                                                                                                                                                                                                                                                                                            |        |  59                                                                                         |                                      |                                                                                          |            |        |
|                                                                                                                                                                                                                                                                   |  | 28                                                                                                                                                                                                                                                                                                                                                                                |        | 60                                                                                                                                                                               |                                      |                                                                                          |            |        |
|                                                                                                                                                                                                                                                                   |  |  28                                                                                                                                                                                                                                                                                            |        |  60                                                                                         |                                      |                                                                                          |            |        |
|                                                                                                                                                                                                                                                                   |  | 29                                                                                                                                                                                                                                                                                                                                                                                |        | 61                                                                                                                                                                               |                                      |                                                                                          |            |        |
|                                                                                                                                                                                                                                                                   |  |  29                                                                                                                                                                                                                                                                                            |        |  61                                                                                         |                                      |                                                                                          |            |        |
|                                                                                                                                                                                                                                                                   |  | 30                                                                                                                                                                                                                                                                                                                                                                                |        | 62                                                                                                                                                                               |                                      |                                                                                          |            |        |
|                                                                                                                                                                                                                                                                   |  |  30                                                                                                                                                                                                                                                                                            |        |  62                                                                                         |                                      |                                                                                          |            |        |
|                                                                                                                                                                                                                                                                   |  | 31                                                                                                                                                                                                                                                                                                                                                                                |        | 63                                                                                                                                                                               |                                      |                                                                                          |            |        |
|                                                                                                                                                                                                                                                                   |  |  31                                                                                                                                                                                                                                                                                            |        |  63                                                                                         |                                      |                                                                                          |            |        |
|                                                                                                                                                                                                                                                                   |  | 32                                                                                                                                                                                                                                                                                                                                                                                |        | 64                                                                                                                                                                               |                                      |                                                                                          |            |        |
|                                                                                                                                                                                                                                                                   |  |  32                                                                                                                                                                                                                                                                                            |        |  64                                                                                         |                                      |                                                                                          |            |        |
|                                                                                                                                                                                                                                                                   |  | 33                                                                                                                                                                                                                                                                                                                                                                                |        | 65                                                                                                                                                                               |                                      |                                                                                          |            |        |
|                                                                                                                                                                                                                                                                   |  |  33                                                                                                                                                                                                                                                                                            |        |  65                                                                                         |                                      |                                                                                          |            |        |

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